

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062218\
 Data File : VX002829.D
 Acq On : 22 Jun 2018 11:51
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 6/25/2018 6:56:04 PM

Quant Time: Jun 22 13:45:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	51427	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	282885	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	265185	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	118081	30.07	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.23%
60) 4-Bromofluorobenzene	11.14	95	130844	29.87	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.57%
63) Toluene-d8	8.72	98	351036	30.30	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.00%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	58639	23.89	ug/l	98
3) Chloromethane	1.32	50	59539	22.34	ug/l	98
4) Vinyl Chloride	1.40	62	65288	21.99	ug/l	98
5) Bromomethane	1.64	94	28435	16.39	ug/l	95
6) Chloroethane	1.73	64	41575	20.82	ug/l	98
7) Trichlorofluoromethane	1.93	101	113178	21.45	ug/l	99
8) Diethyl Ether	2.19	74	40009	21.26	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	64968	21.51	ug/l	99
10) 1,1-Dichloroethene	2.37	96	55719	20.96	ug/l	98
11) Methyl Iodide	2.51	142	60864	19.88	ug/l	98
12) Methyl Acetate	2.78	43	92854	21.52	ug/l	99
13) Acrolein	2.29	56	21697	70.73	ug/l	99
14) Acrylonitrile	3.15	53	164015	101.07	ug/l	99
15) Acetone	2.45	58	47246	104.75	ug/l	95
16) Carbon Disulfide	2.57	76	142381	21.39	ug/l	100
17) Allyl chloride	2.73	41	109632	20.72	ug/l	92
18) Methylene Chloride	2.86	84	63618	20.91	ug/l	98
19) trans-1,2-Dichloroethene	3.17	96	60968	21.39	ug/l	95
20) Diisopropyl ether	3.87	45	214199	21.73	ug/l	92
21) 1,1-Dichloroethane	3.70	63	115845	21.85	ug/l	100
22) cis-1,2-Dichloroethene	4.60	96	68217	22.26	ug/l	87
23) tert-Butyl Alcohol	3.06	59	75371	102.30	ug/l	# 100
24) Methyl tert-Butyl Ether	3.20	73	200616	20.21	ug/l	99
25) Chloroform	5.22	83	118523	22.28	ug/l	98
26) Cyclohexane	5.57	56	97014	21.54	ug/l	# 94
29) 1,1-Dichloropropene	5.80	75	84729	22.18	ug/l	97
30) 2-Butanone	4.70	43	238805	109.24	ug/l	98
31) 2,2-Dichloropropane	4.59	77	92434	22.64	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	101721	22.04	ug/l	99
33) Carbon Tetrachloride	5.78	117	91068	21.95	ug/l	97
34) Benzene	6.15	78	250191	22.11	ug/l	99
35) Methacrylonitrile	5.06	41	51222	21.52	ug/l	96
36) 1,2-Dichloroethane	6.20	62	100109	22.54	ug/l	100
37) Trichloroethene	7.21	130	74167	22.38	ug/l	95
38) Methylcyclohexane	7.46	83	101175	21.77	ug/l	99
39) 1,2-Dichloropropane	7.52	63	63752	21.60	ug/l	99
40) Dibromomethane	7.67	93	45420	22.15	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.90	83	83870	21.78	ug/l	94
42) Vinyl Acetate	3.82	43	905379	109.21	ug/l	100
43) Ethyl Acetate	4.86	43	91239	21.82	ug/l	96
44) Isopropyl Acetate	6.46	43	149392	21.33	ug/l	100
45) 1,4-Dioxane	7.76	88	29819	434.52	ug/l	91
46) Methyl methacrylate	7.78	41	78479	21.93	ug/l	98
47) n-amyl Acetate	10.90	43	136427	20.64	ug/l #	90
48) t-1,3-Dichloropropene	8.44	75	97325	21.52	ug/l	99
49) cis-1,3-Dichloropropene	9.04	75	89554	21.21	ug/l	99
50) 1,1,2-Trichloroethane	9.22	97	66892	22.12	ug/l	97
51) Ethyl methacrylate	9.18	69	95905	21.01	ug/l	96
52) 1,3-Dichloropropane	9.37	76	109340	22.13	ug/l	100
53) Dibromochloromethane	9.59	129	68844	21.44	ug/l	99
54) 1,2-Dibromoethane	9.68	107	69213	21.72	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	210418	97.04	ug/l	98
56) Bromoform	10.86	173	50577	19.73	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	480785	106.78	ug/l	98
59) 2-Hexanone	9.50	43	370940	107.77	ug/l	100
61) Tetrachloroethene	9.34	164	90551	24.88	ug/l	99
62) Toluene	8.79	91	283187	22.15	ug/l	98
64) Chlorobenzene	10.14	112	186879	22.00	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	69104	22.20	ug/l	99
66) Ethyl Benzene	10.26	91	316413	21.98	ug/l	99
67) m/p-Xylenes	10.36	106	243658	43.55	ug/l	100
68) o-Xylene	10.70	106	118948	21.82	ug/l	98
69) Styrene	10.71	104	196657	21.63	ug/l	99
70) Isopropylbenzene	11.02	105	326754	21.74	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	94704	21.08	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	85363m	21.92	ug/l	
73) Bromobenzene	11.26	156	90555	21.67	ug/l	93
74) n-propylbenzene	11.36	91	381301	21.86	ug/l	99
75) 2-Chlorotoluene	11.43	91	224500	22.11	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	276895	21.70	ug/l	98
77) t-1,4-Dichloro-2-butene	11.08	75	23833	19.03	ug/l	87
78) 4-Chlorotoluene	11.51	91	264739	22.01	ug/l	98
79) tert-butylbenzene	12.07	119	299574	21.28	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	284318	21.82	ug/l	99
81) sec-Butylbenzene	11.95	105	336574	21.56	ug/l	99
82) p-Isopropyltoluene	12.07	119	299574	21.28	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	165176	21.48	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	167899	21.61	ug/l	98
85) n-Butylbenzene	12.39	91	261733	20.98	ug/l	99
86) Hexachloroethane	12.60	117	40937	19.19	ug/l	98
87) 1,2-Dichlorobenzene	12.40	146	167391	21.55	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.01	75	20095	20.02	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	123868	21.13	ug/l	99
90) Hexachlorobutadiene	13.79	225	65782	21.55	ug/l	98
91) Naphthalene	13.84	128	328771	21.16	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	124443	21.33	ug/l	100

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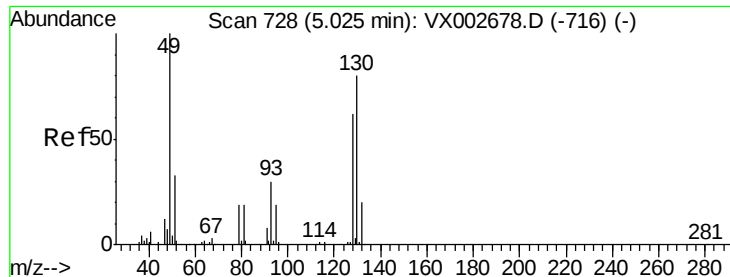
Manual Integrations
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6/25/2018 6:56:04 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

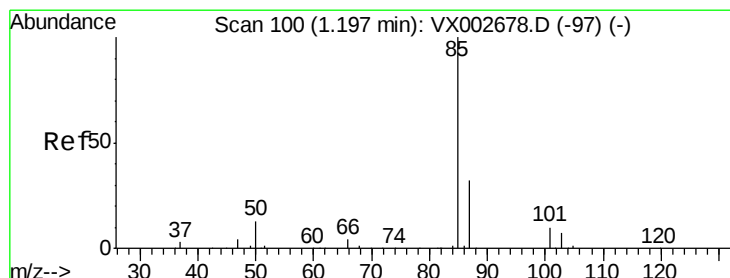
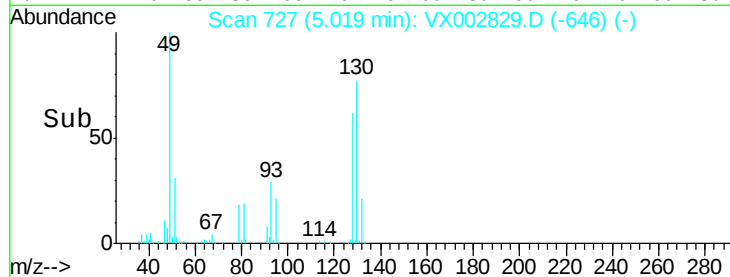
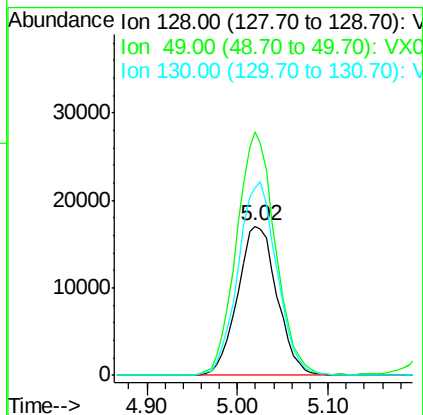
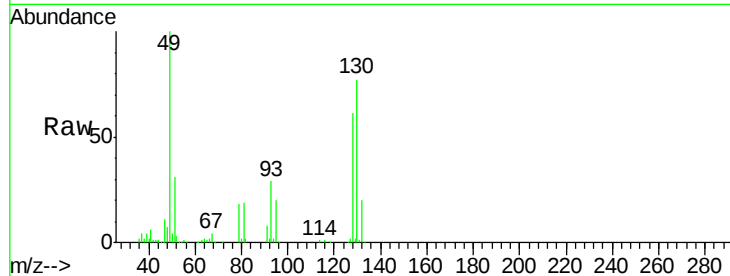
ClientSampled :

VSTDCCC020

Tot Ion:	128	Resp:	51427
Ion	Ratio	Lower	Upper
128	100		
49	160.5	0.0	423.0
130	128.0	0.0	324.3

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 23.89 ug/l

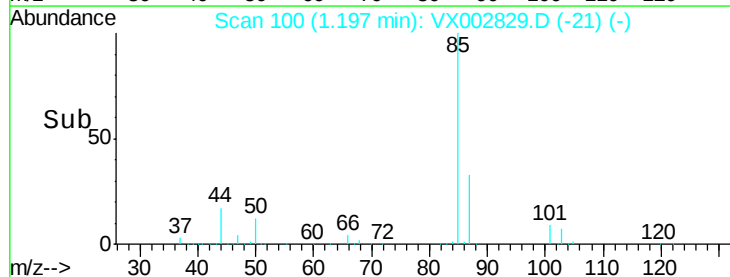
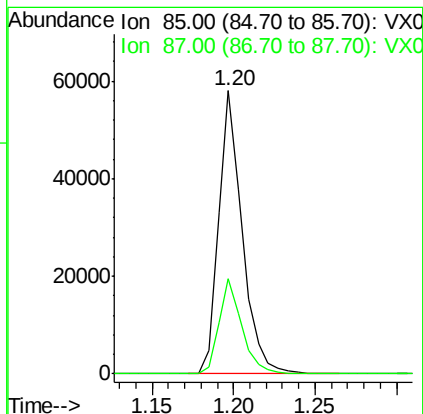
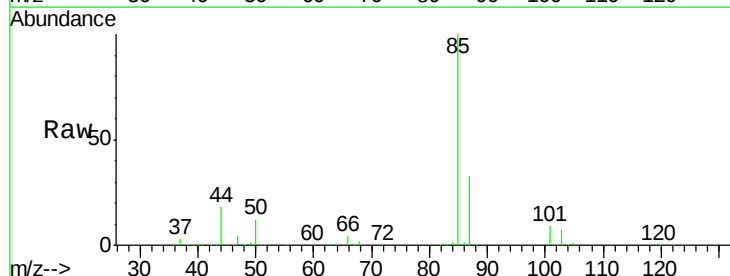
RT: 1.20 min Scan# 100

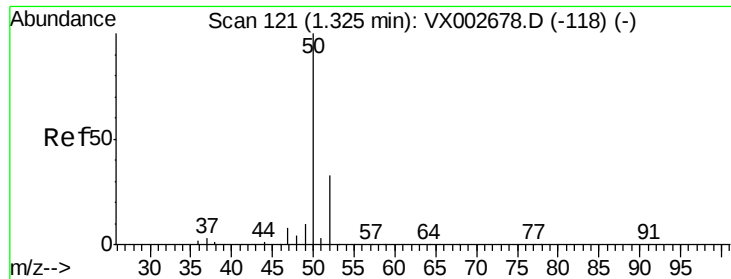
Delta R.T. 0.00 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Tgt Ion:	85	Resp:	58639
Ion	Ratio	Lower	Upper
85	100		
87	33.4	16.2	48.5





#3

Chloromethane

Concen: 22.34 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 50 Resp: 59539

Ion Ratio Lower Upper

50 100

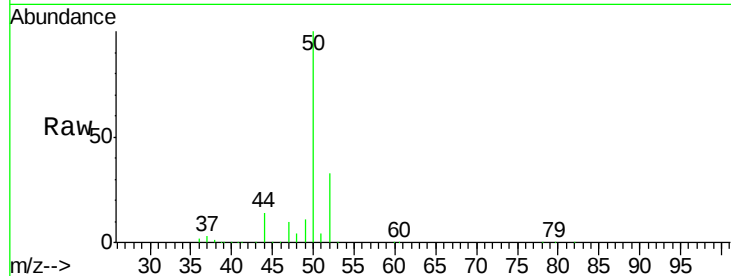
52 33.0 25.6 38.4

Manual Integrations

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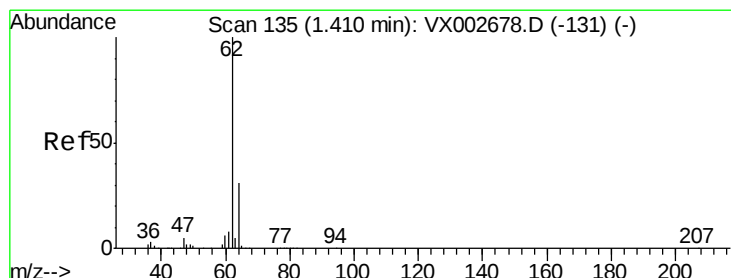
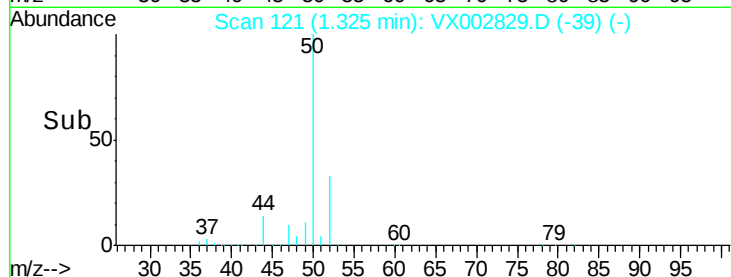
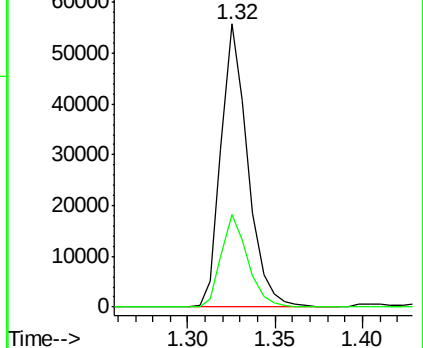
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 21.99 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002829.D

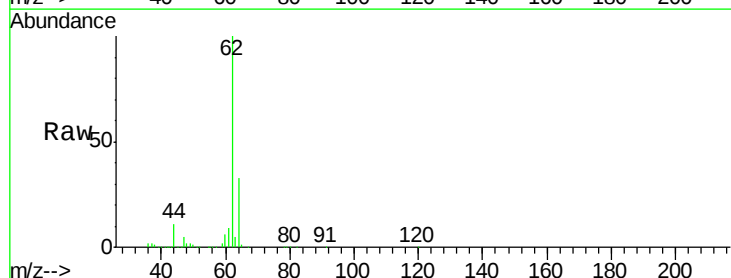
Acq: 22 Jun 2018 11:51

Tgt Ion: 62 Resp: 65288

Ion Ratio Lower Upper

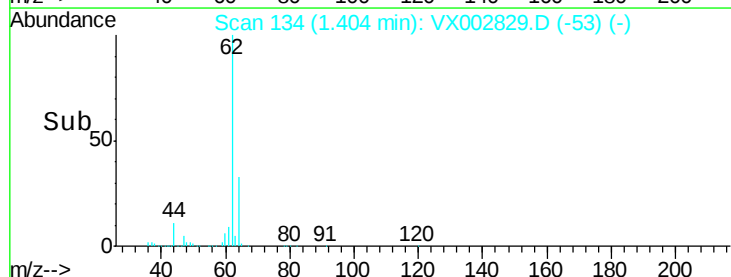
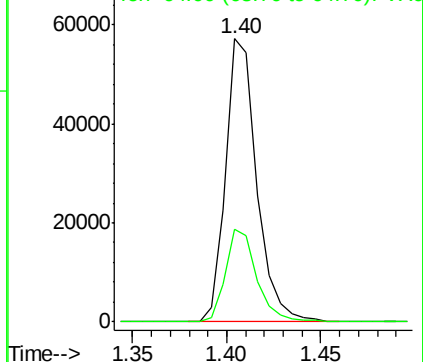
62 100

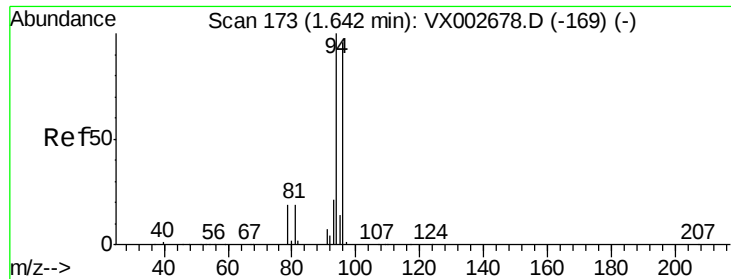
64 32.8 25.3 37.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 16.39 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 28435

Ion Ratio Lower Upper

94 100

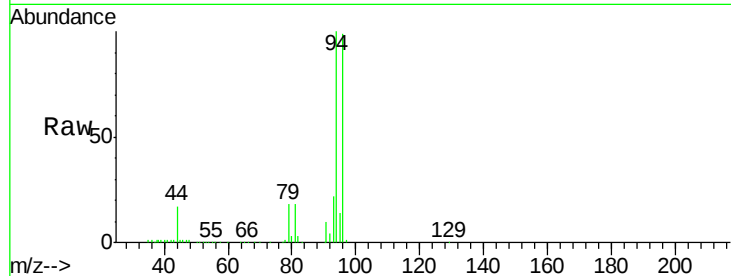
96 99.2 75.7 113.5

Manual Integrations

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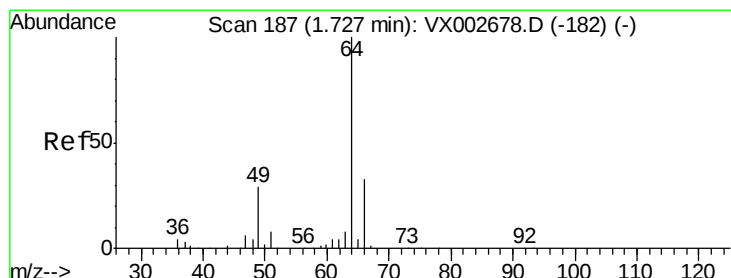
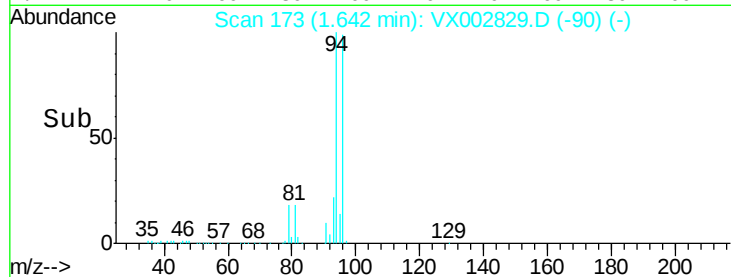
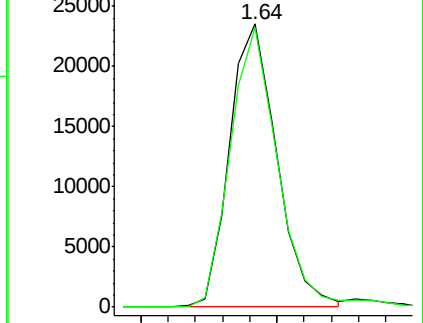
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 20.82 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.02 min

Lab File: VX002829.D

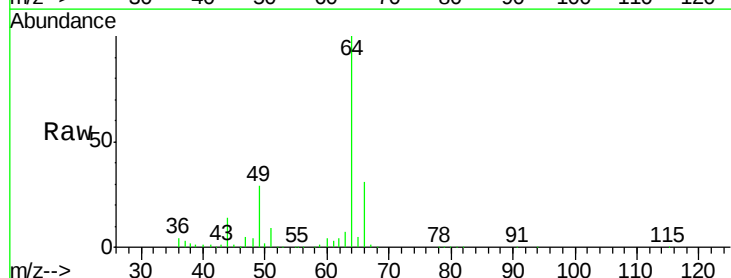
Acq: 22 Jun 2018 11:51

Tgt Ion: 64 Resp: 41575

Ion Ratio Lower Upper

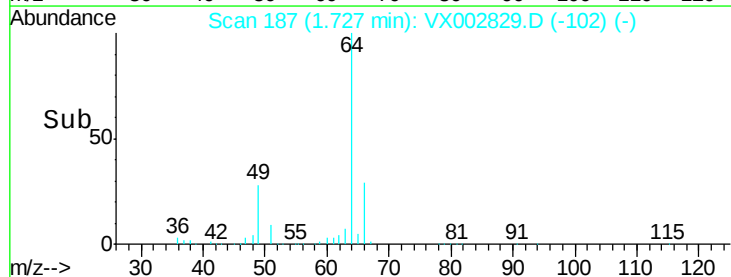
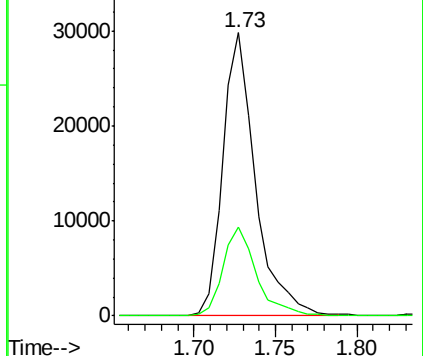
64 100

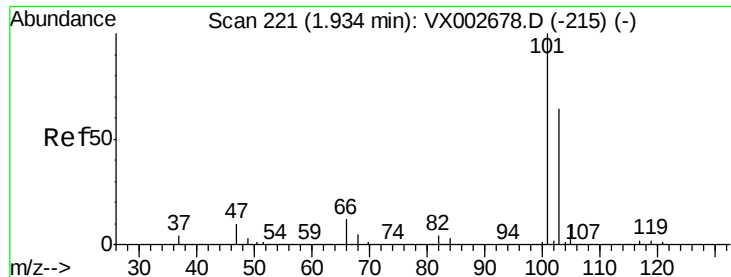
66 31.4 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

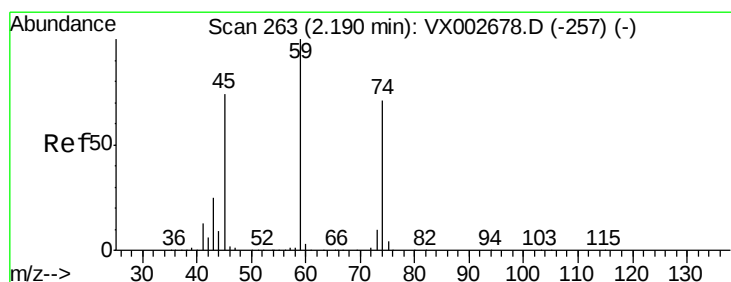
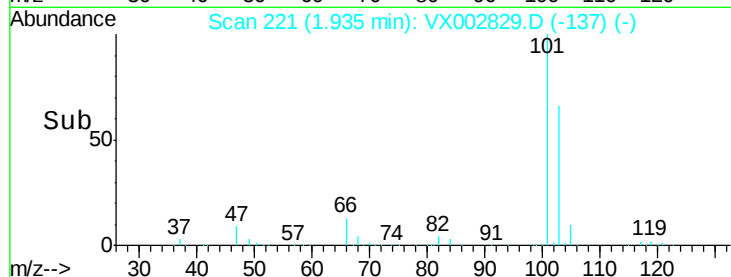
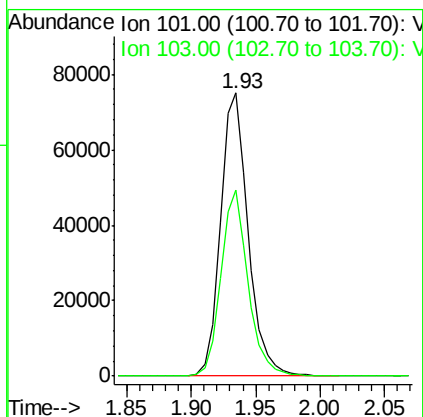
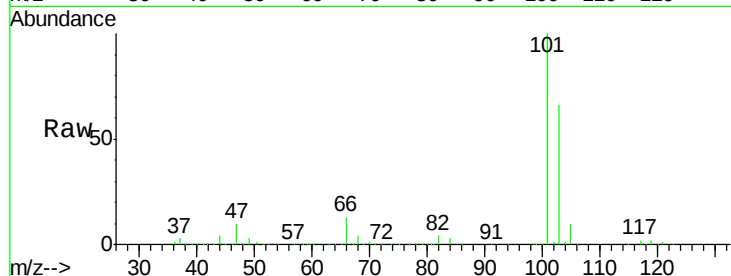
Trichlorofluoromethane
Concen: 21.45 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

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VSTDCCC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	51.5	77.3

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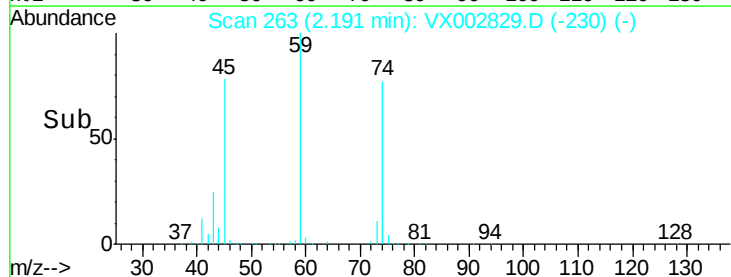
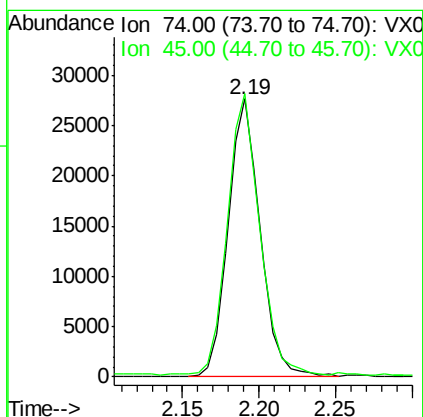
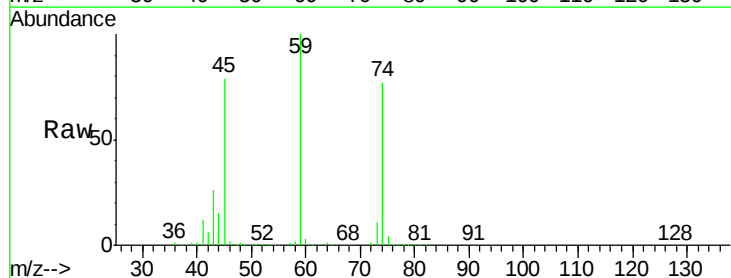
MMDadoda
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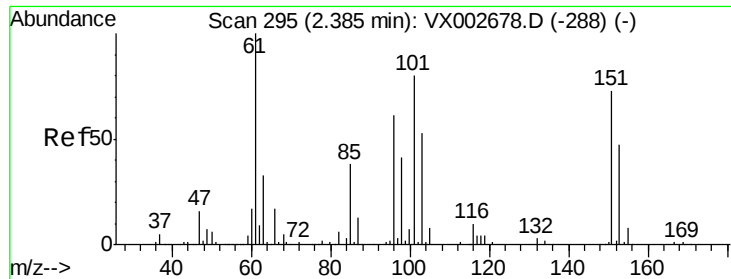


#8

Diethyl Ether
Concen: 21.26 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.2	20.5	184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.51 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

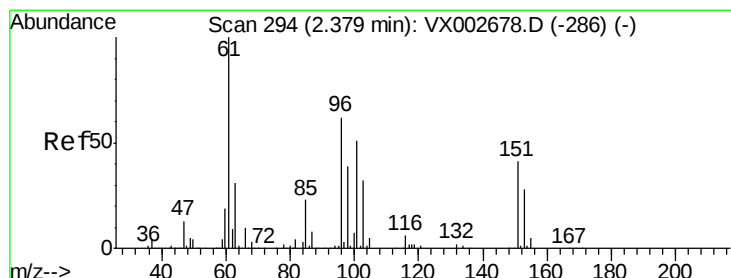
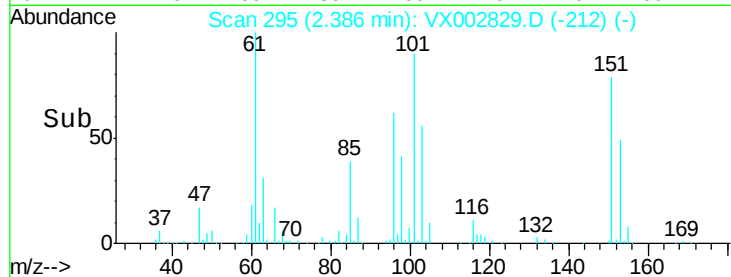
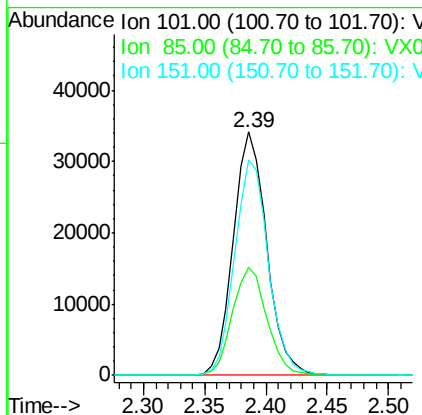
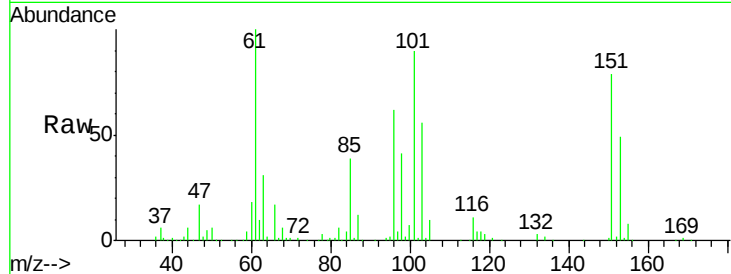
ClientSampled :

VSTDCCC020

Tot Ion:	101	Resp:	64968
Ion Ratio	Lower	Upper	
101	100		
85	45.5	0.0	87.0
151	89.1	0.0	177.6

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#10

1,1-Dichloroethene

Concen: 20.96 ug/l

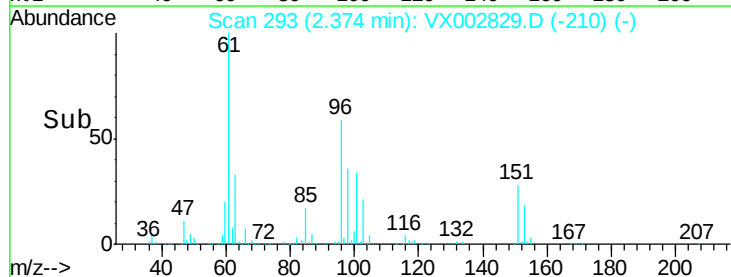
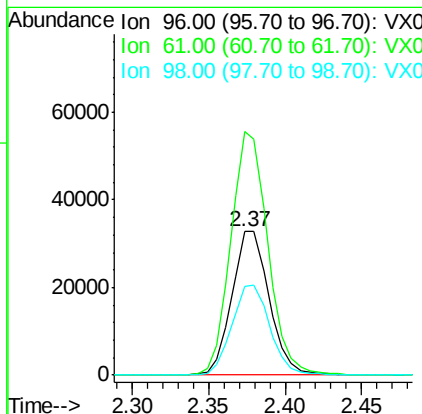
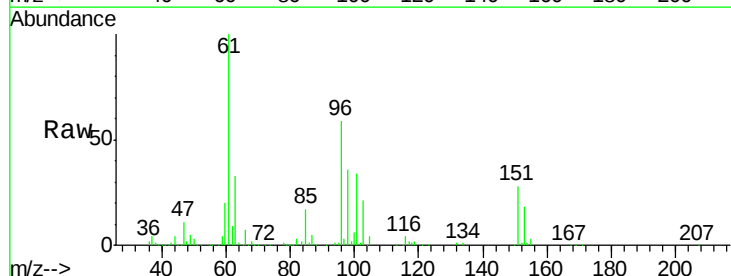
RT: 2.37 min Scan# 293

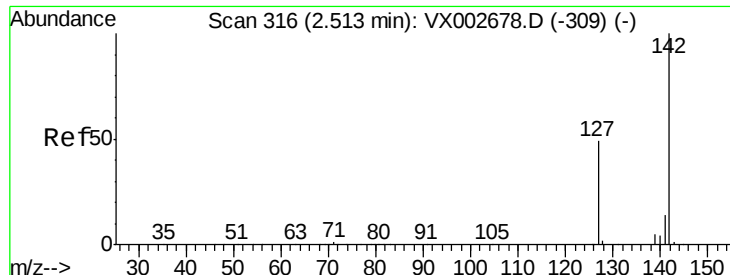
Delta R.T. 0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Tgt Ion:	96	Resp:	55719
Ion Ratio	Lower	Upper	
96	100		
61	169.1	137.5	206.3
98	61.7	51.4	77.2





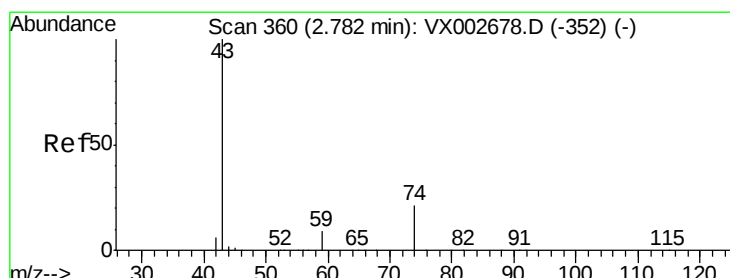
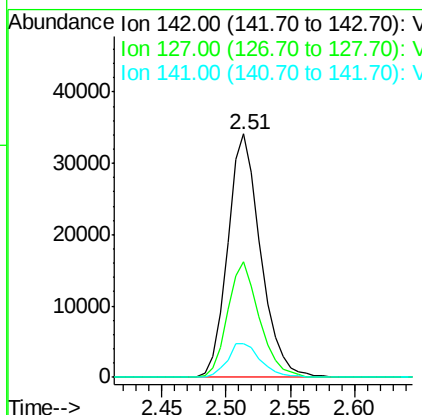
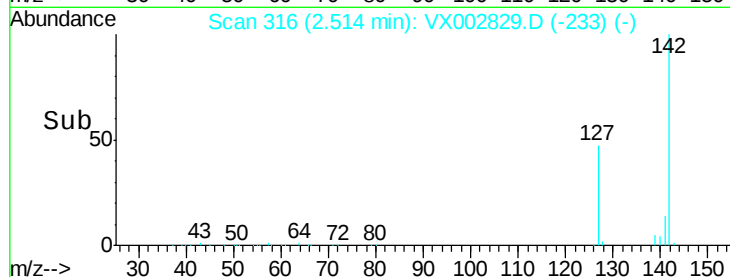
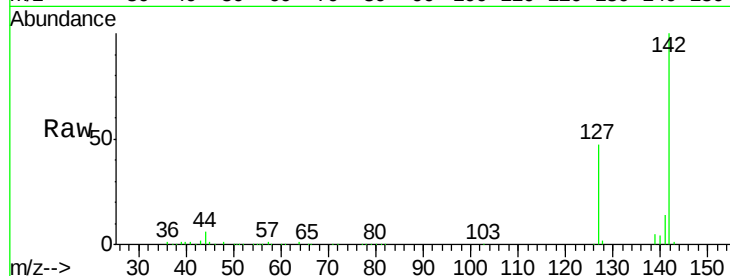
#11
Methvl Iodide
Concen: 19.88 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	47.3	23.2	69.6
141	13.6	7.4	22.2

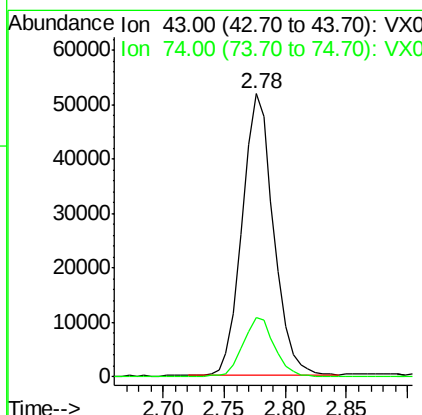
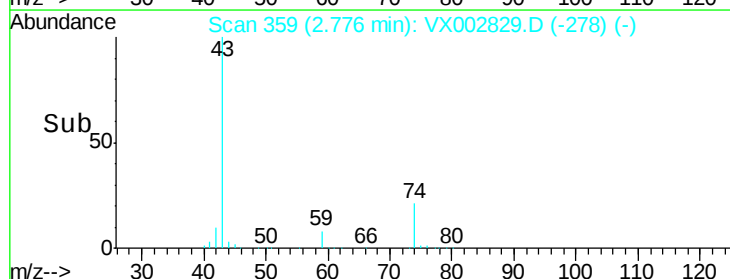
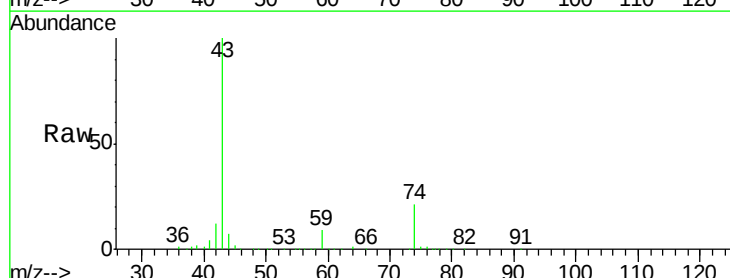
Manual Integrations
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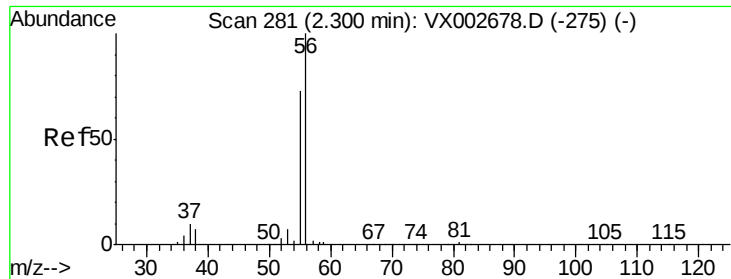
MMDadoda
6/25/2018 6:56:04 PM



#12
Methyl Acetate
Concen: 21.52 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.9	16.4	24.6





#13

Acrolein

Concen: 70.73 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 56 Resp: 21697

Ion Ratio Lower Upper

56 100

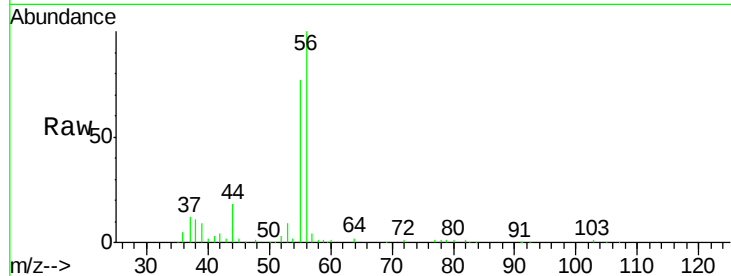
55 72.7 57.3 85.9

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

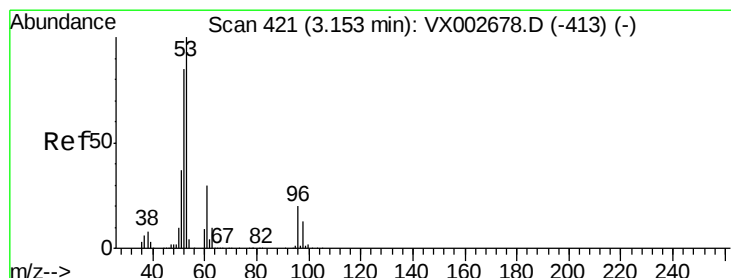
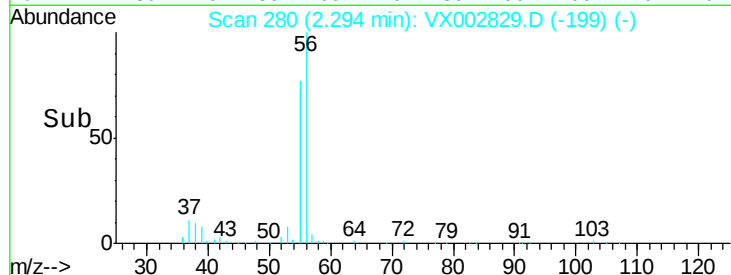
15000

10000

5000

0

Time-->



#14

Acrylonitrile

Concen: 101.07 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

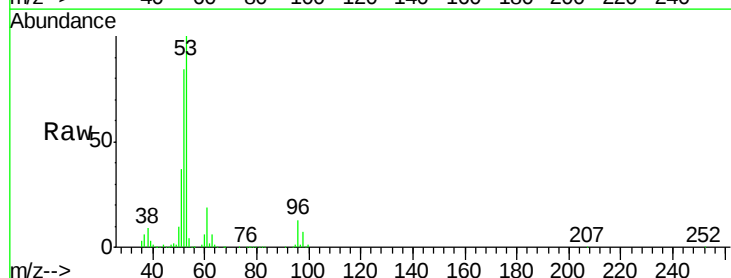
Tgt Ion: 53 Resp: 164015

Ion Ratio Lower Upper

53 100

52 83.7 41.5 124.6

51 37.2 17.9 53.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

3.15

100000

80000

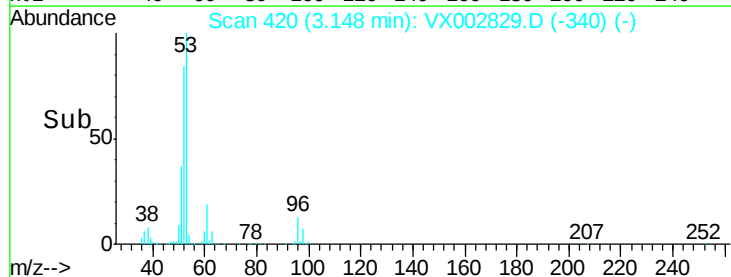
60000

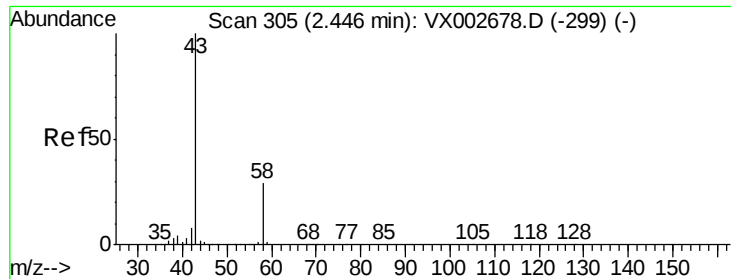
40000

20000

0

Time-->





#15

Acetone

Concen: 104.75 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 58 Resp: 47246

Ion Ratio Lower Upper

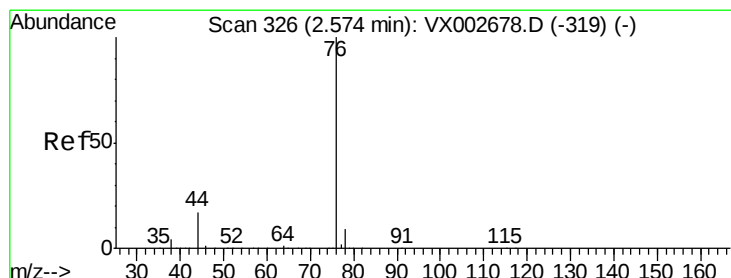
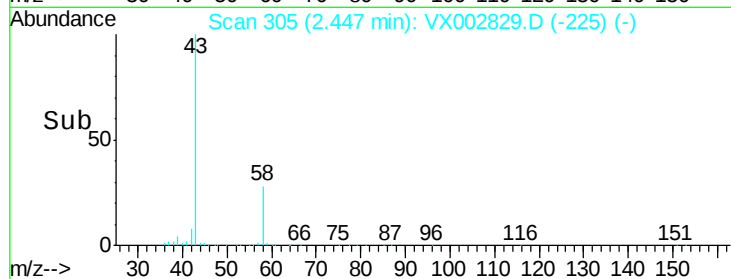
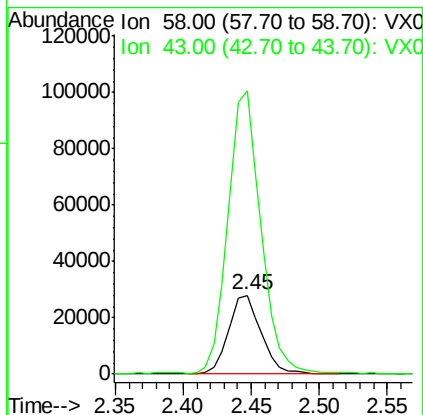
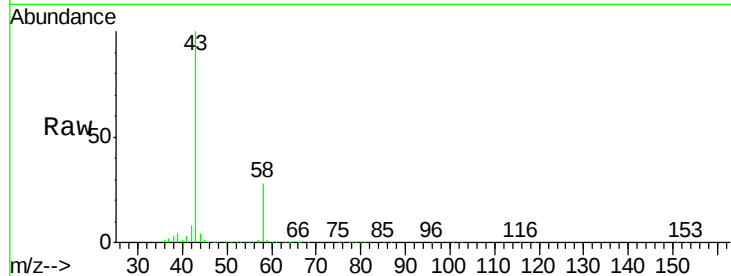
58 100

43 359.8 278.8 418.2

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#16

Carbon Disulfide

Concen: 21.39 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX002829.D

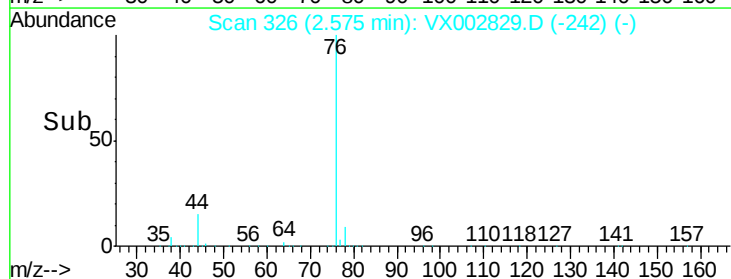
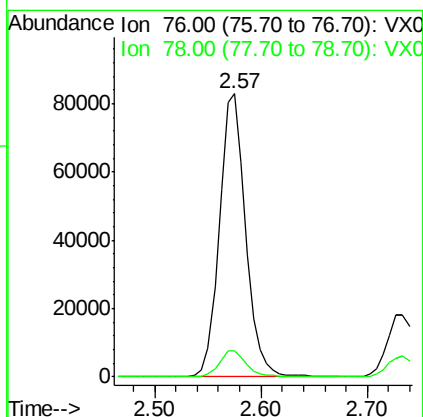
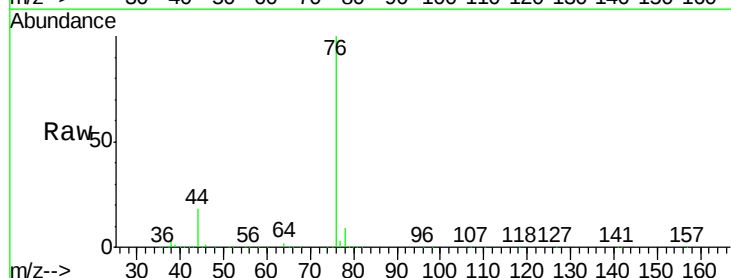
Acq: 22 Jun 2018 11:51

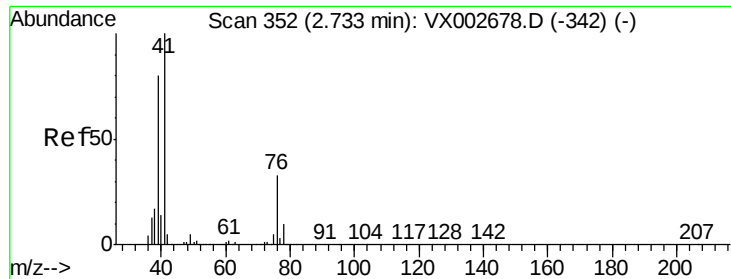
Tgt Ion: 76 Resp: 142381

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#17

Allvl chloride

Concen: 20.72 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002829.D

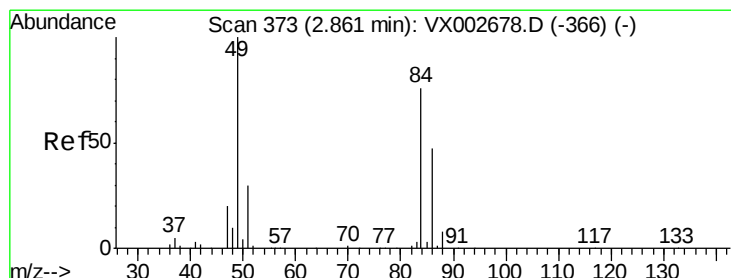
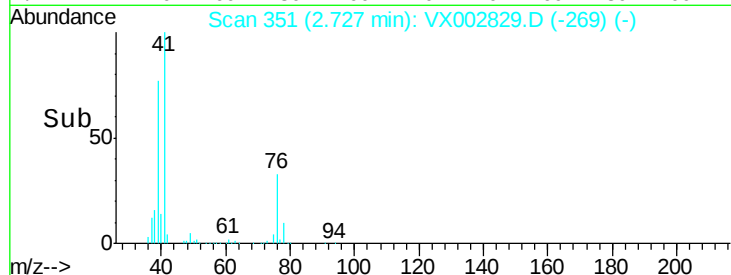
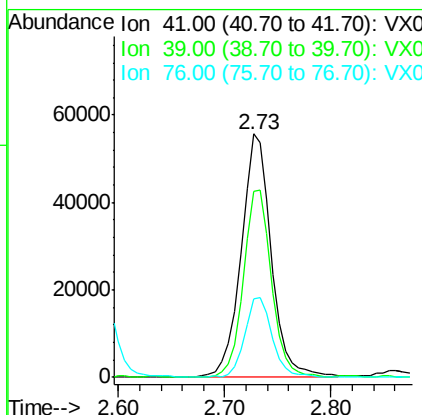
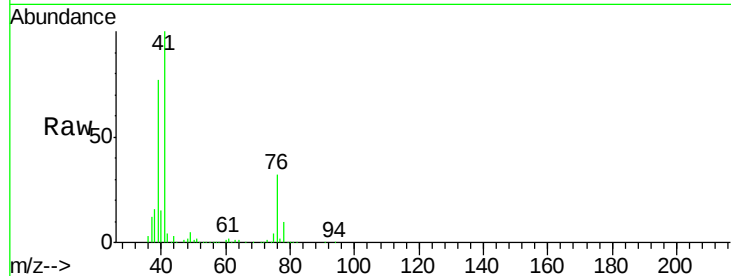
Acq: 22 Jun 2018 11:51

Tot Ion:	41	Resp:	109632
Ion	Ratio	Lower	Upper
41	100		
39	76.7	34.6	103.8
76	32.3	15.0	45.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Manual Integrations
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#18

Methylene Chloride

Concen: 20.91 ug/l

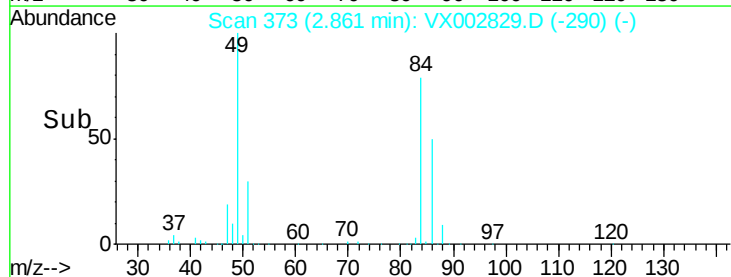
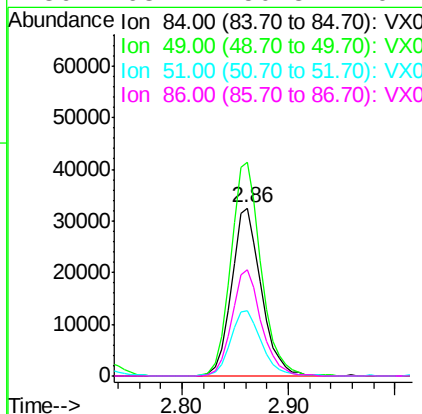
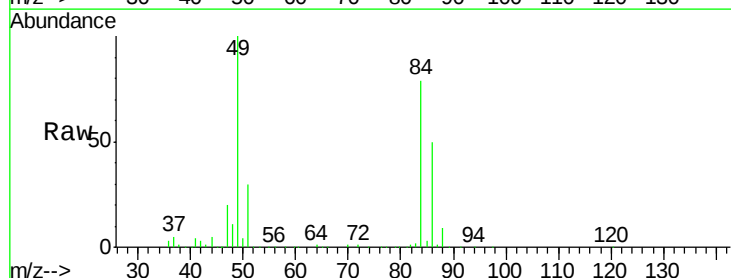
RT: 2.86 min Scan# 373

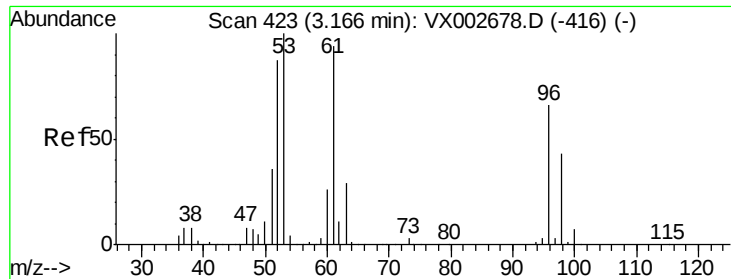
Delta R.T. 0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Tgt Ion:	84	Resp:	63618
Ion	Ratio	Lower	Upper
84	100		
49	127.3	104.7	157.1
51	38.8	31.0	46.4
86	63.4	50.8	76.2





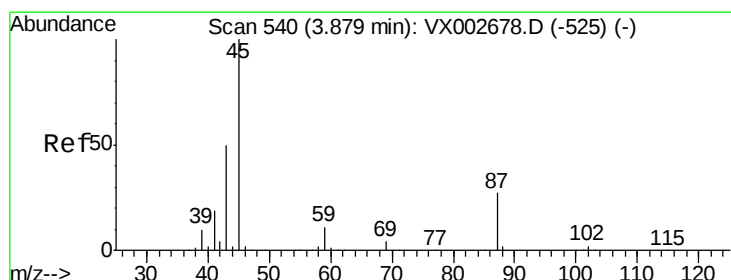
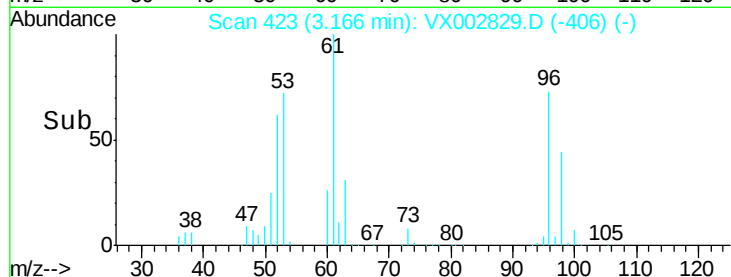
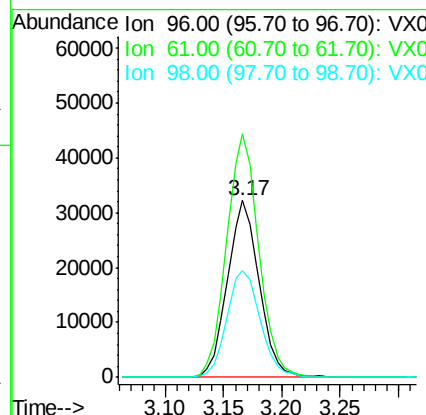
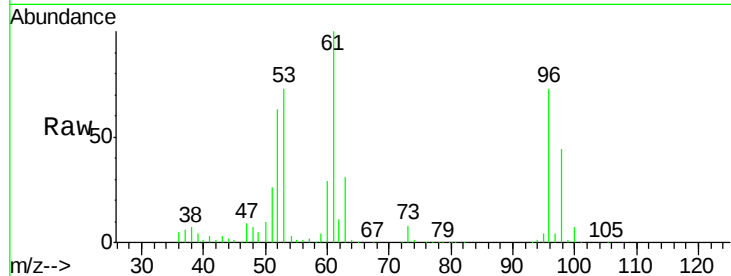
#19
trans-1,2-Dichloroethene
Concen: 21.39 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.01 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.2	114.6	172.0
98	60.1	51.3	76.9

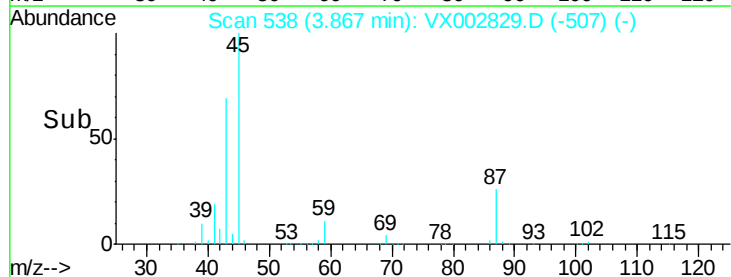
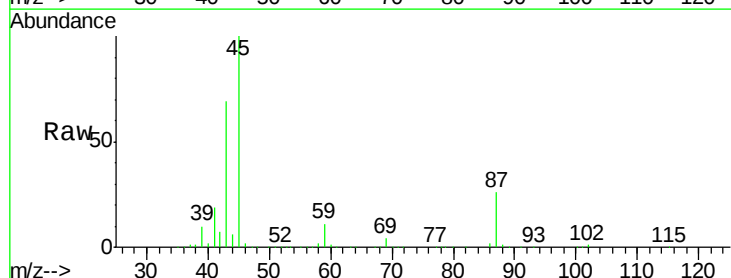
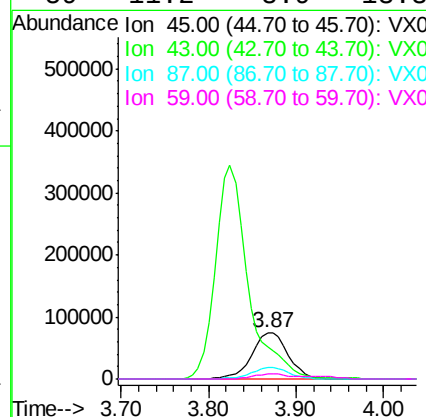
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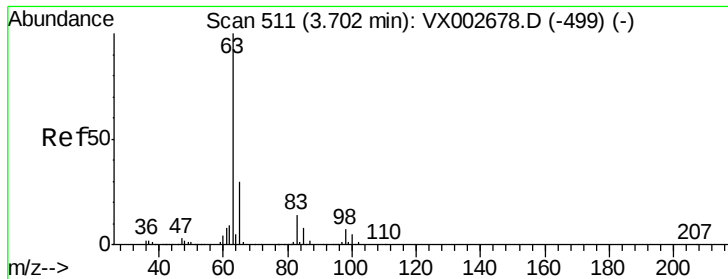
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#20
Diisopropyl ether
Concen: 21.73 ug/l
RT: 3.87 min Scan# 538
Delta R.T. -0.01 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Tgt Ion	Ratio	Lower	Upper
45	100		
43	67.2	45.6	68.4
87	26.0	20.7	31.1
59	11.2	8.9	13.3





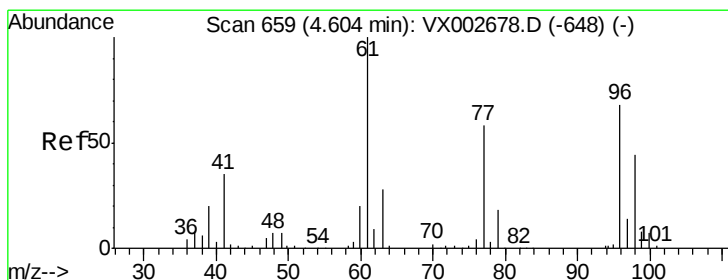
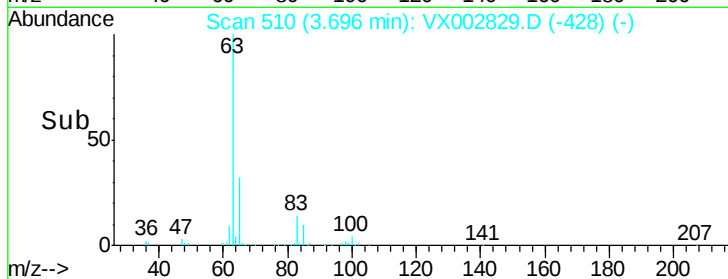
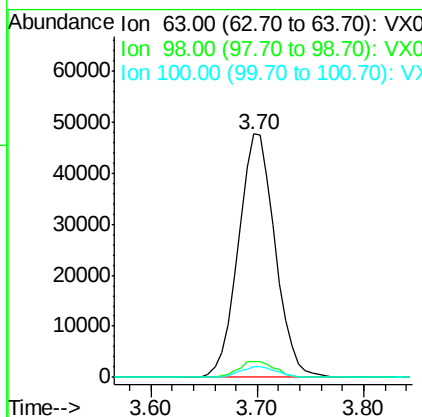
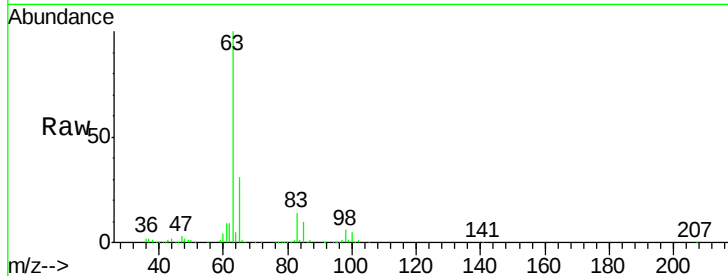
#21
 1,1-Dichloroethane
 Concen: 21.85 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
63	100	115845		
98	6.3		3.1	9.3
100	4.6		2.2	6.6

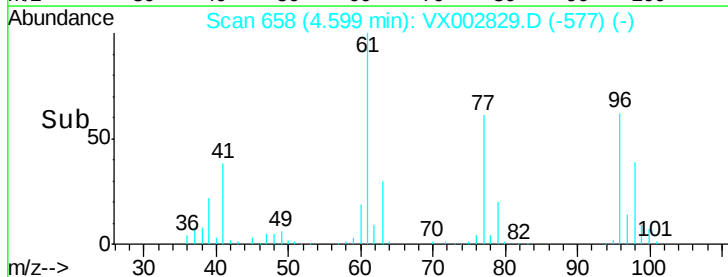
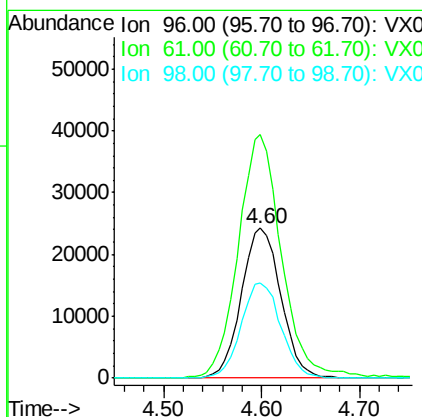
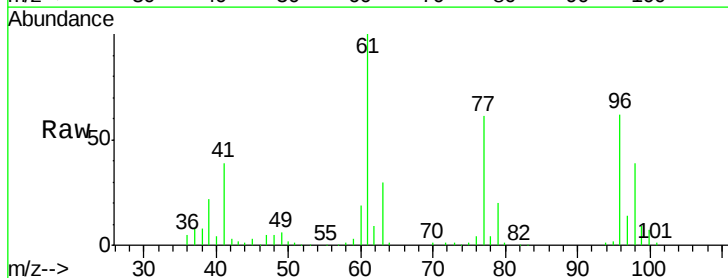
Manual Integrations
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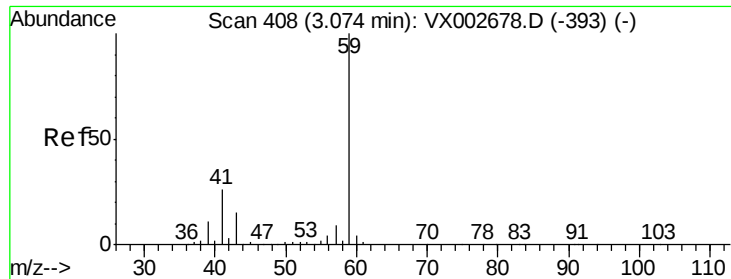
MMDadoda
 6/25/2018 6:56:04 PM



#22
 cis-1,2-Dichloroethene
 Concen: 22.26 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	68217		
61	176.1		160.2	240.2
98	64.1		54.1	81.1





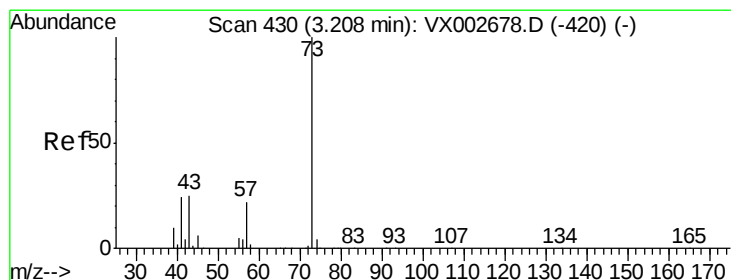
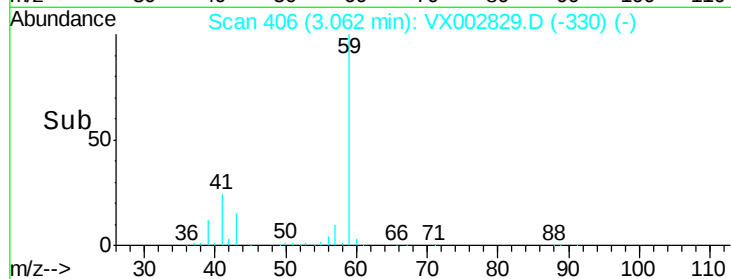
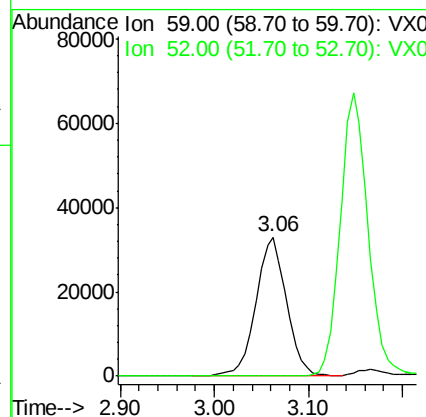
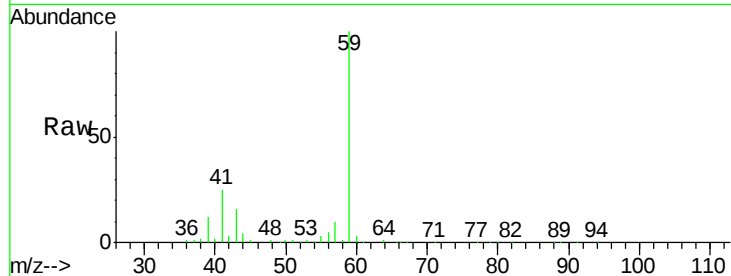
#23
tert-Butyl Alcohol
Concen: 102.30 ug/l
RT: 3.06 min Scan# 406
Delta R.T. -0.04 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion: 59 Resp: 75371
Ion Ratio Lower Upper
59 100
52 0.3 0.2 0.2#

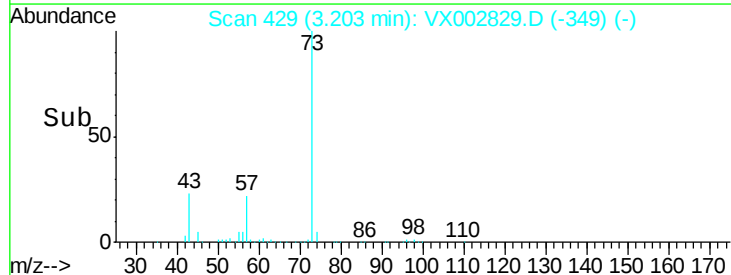
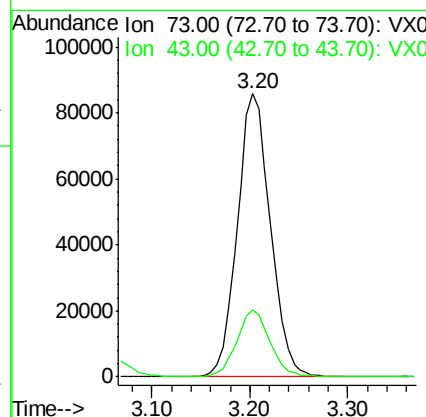
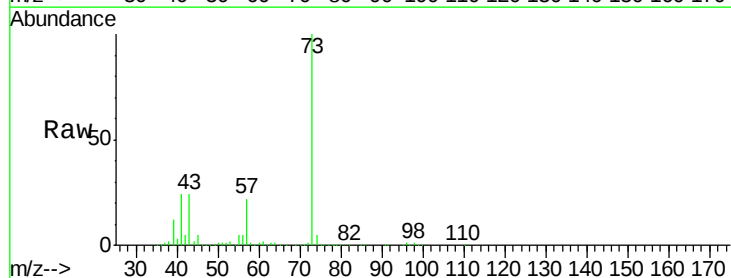
Manual Integrations
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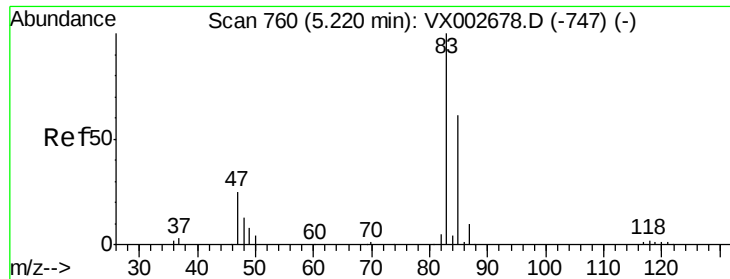
MMDadoda
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#24
Methyl tert-Butyl Ether
Concen: 20.21 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Tgt Ion: 73 Resp: 200616
Ion Ratio Lower Upper
73 100
43 23.4 19.0 28.4





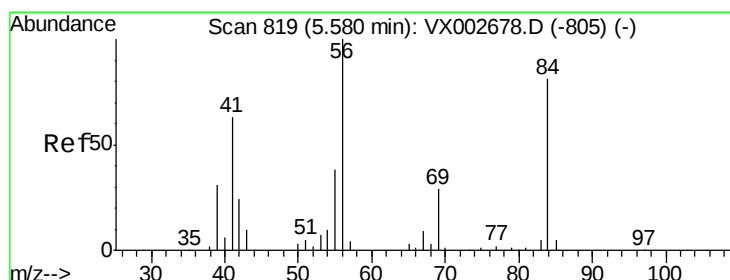
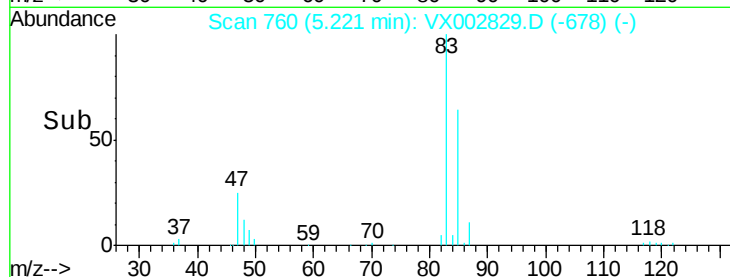
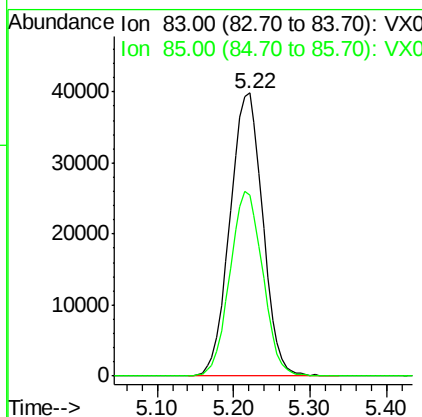
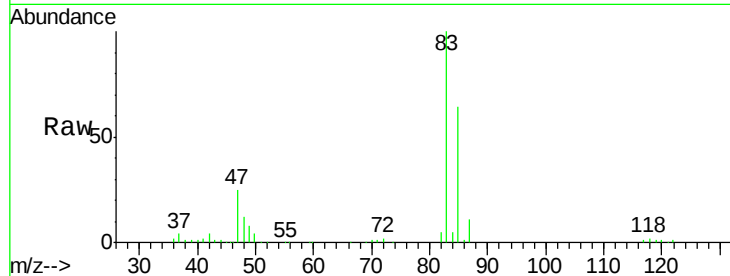
#25
Chloroform
Concen: 22.28 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	83	Resp	118523
Ion Ratio	100	Lower	Upper
83	100		
85	63.7	51.9	77.9

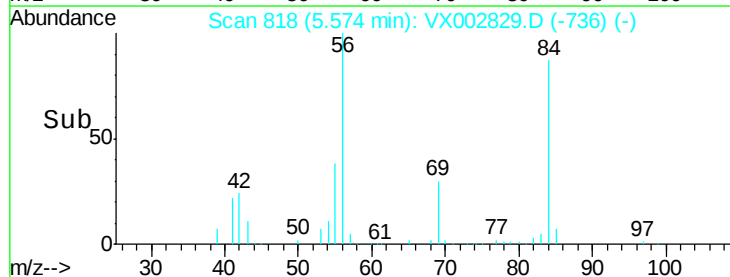
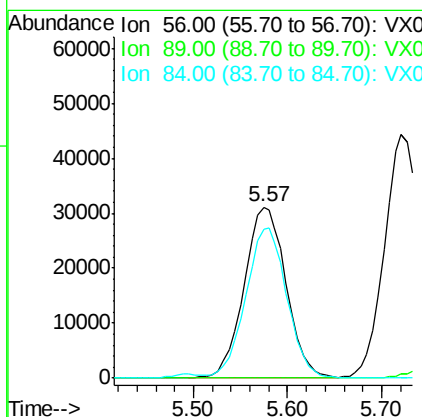
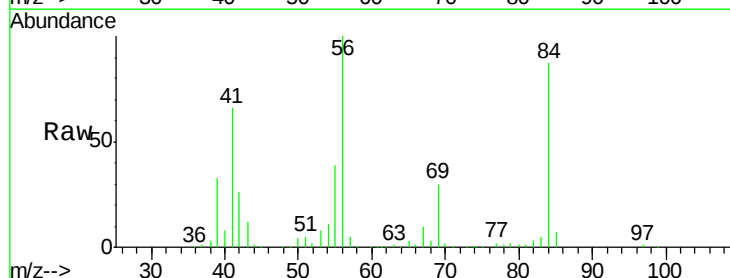
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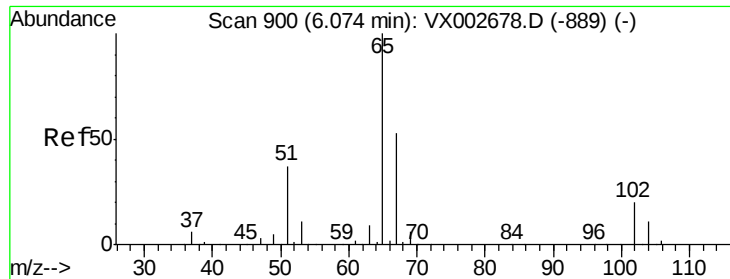
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#26
Cyclohexane
Concen: 21.54 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Tgt Ion	56	Resp	97014
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.1	0.1#
84	86.3	64.9	97.3





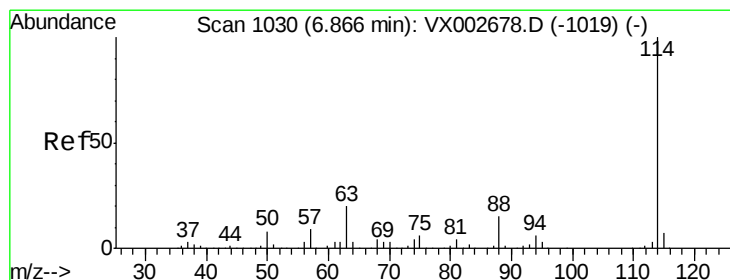
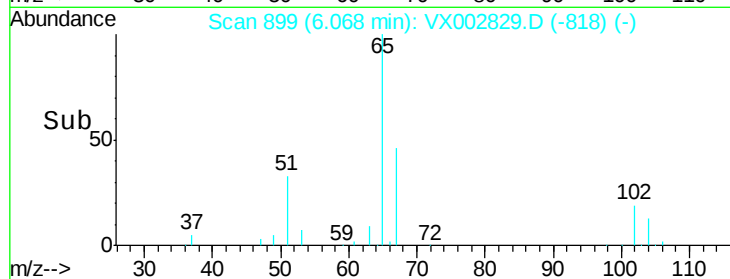
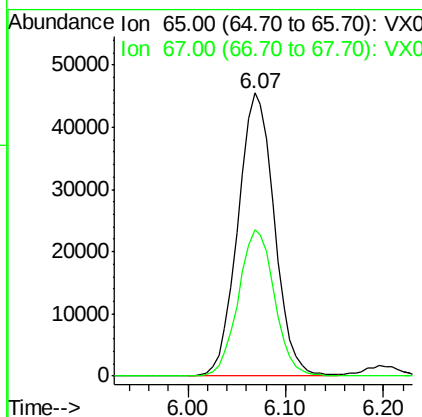
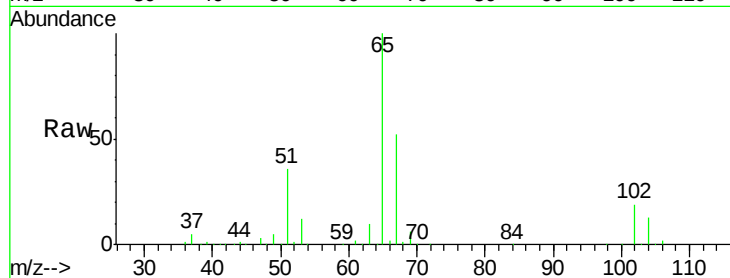
#27
 1,2-Dichloroethane-d4
 Concen: 30.07 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.0	40.9	61.3

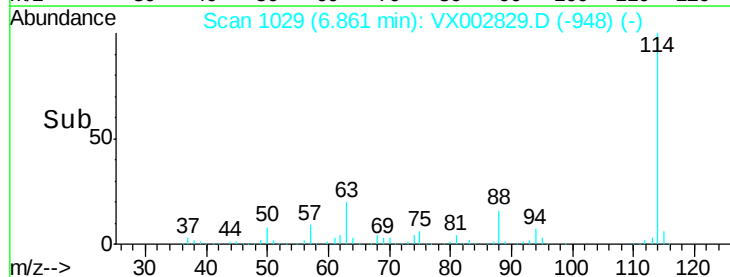
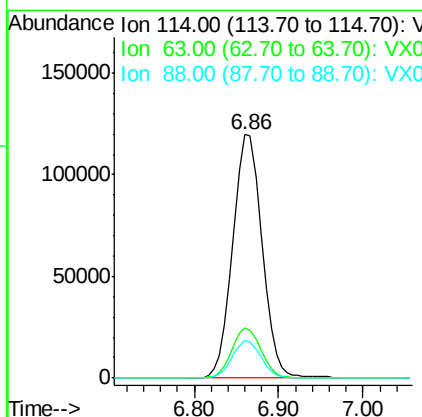
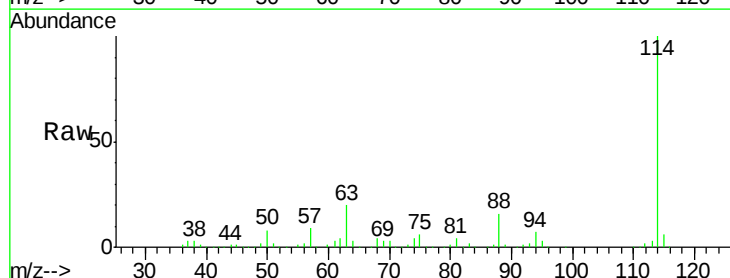
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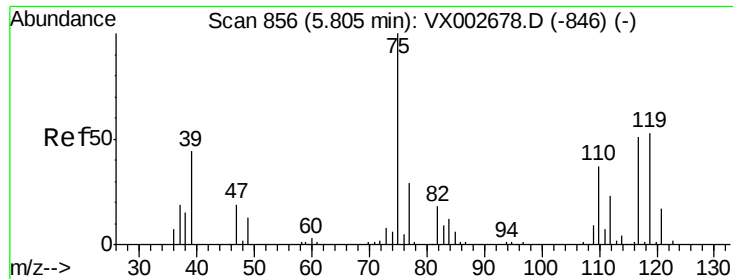
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#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	17.1	25.7
88	15.2	12.6	19.0





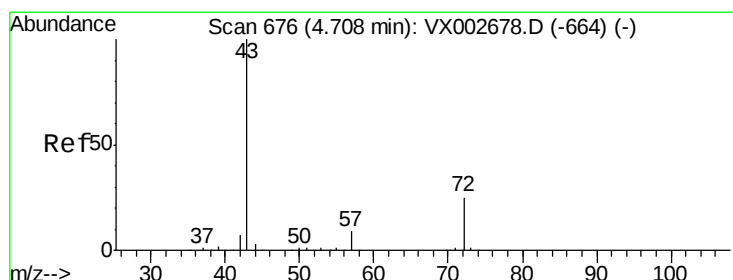
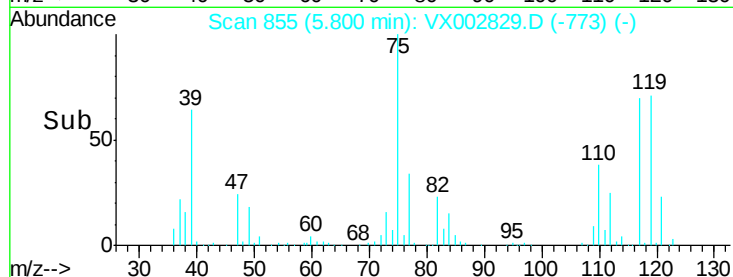
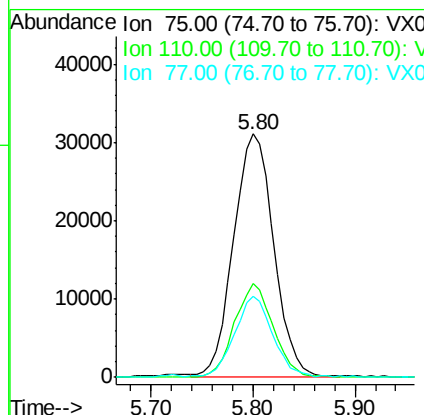
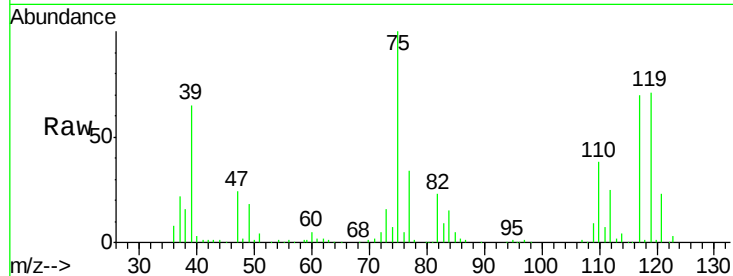
#29
 1,1-Dichloropropene
 Concen: 22.18 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.3	0.0	71.4
77	31.7	0.0	60.6

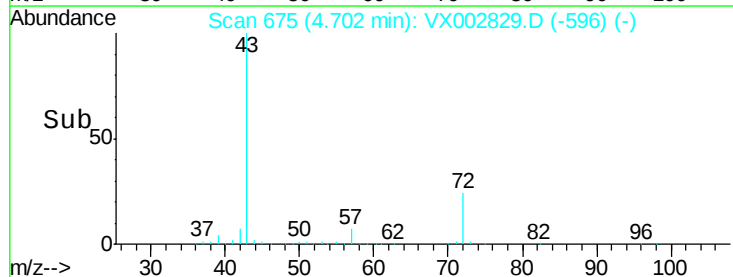
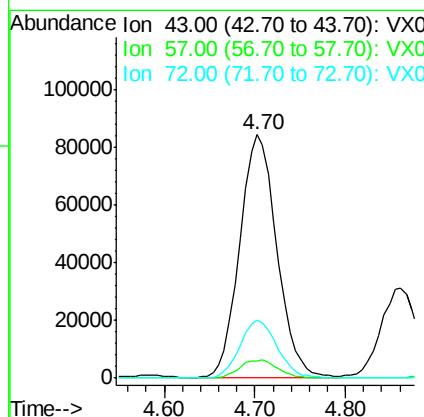
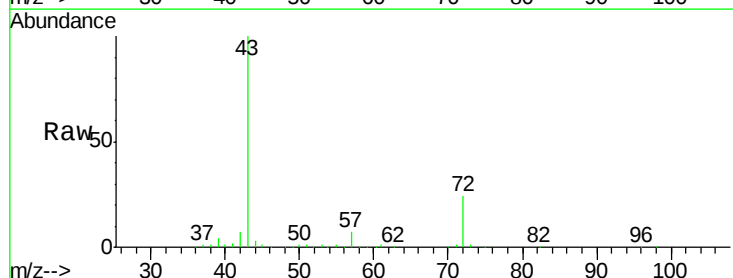
Manual Integrations
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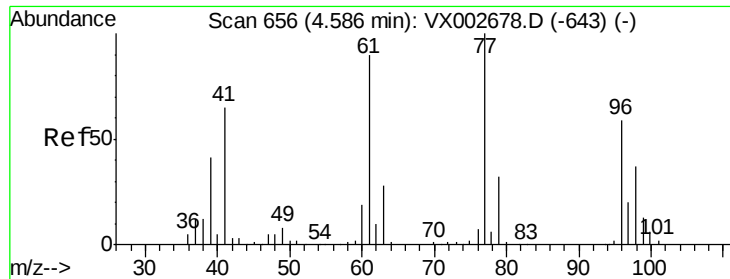
MMDadoda
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#30
 2-Butanone
 Concen: 109.24 ug/l
 RT: 4.70 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.1	9.1
72	23.7	18.1	27.1





#31

2,2-Dichloropropane

Concen: 22.64 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 77 Resp: 92434

Ion Ratio Lower Upper

77 100

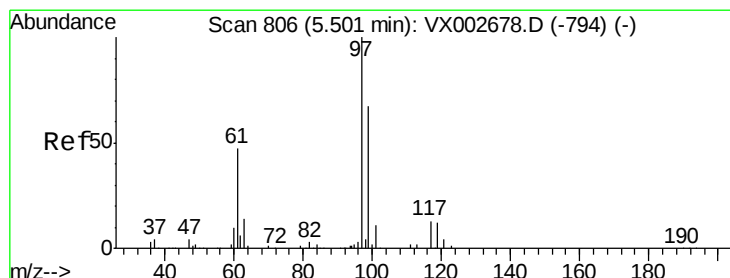
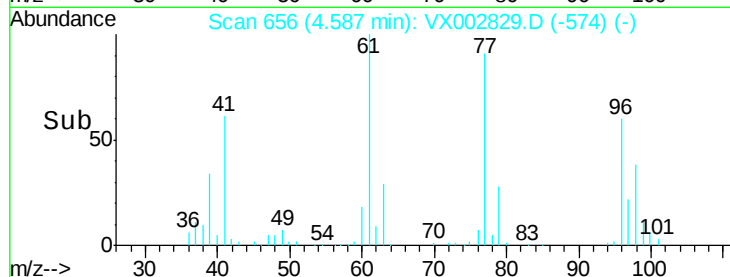
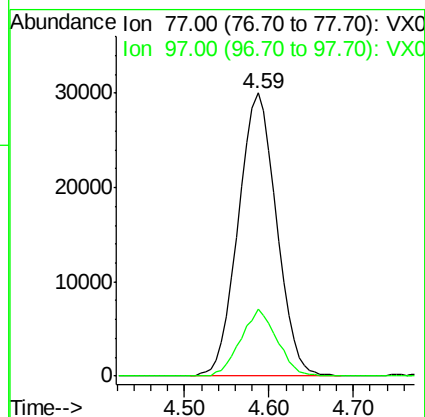
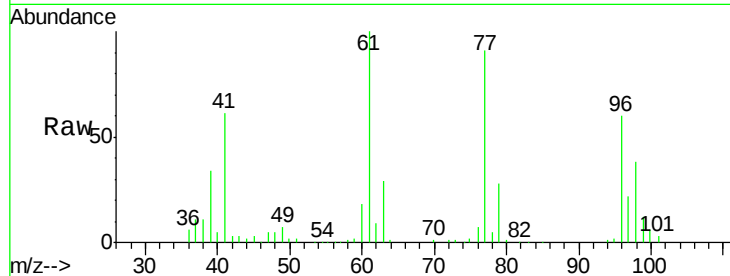
97 22.5 18.7 28.1

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 22.04 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

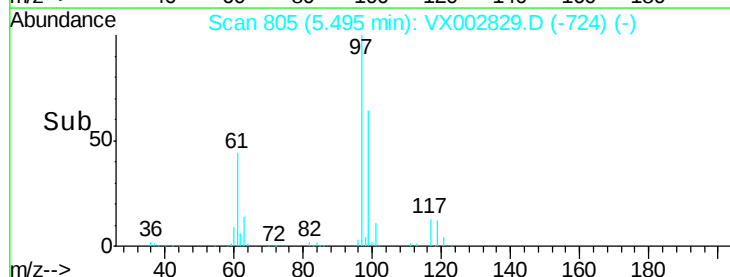
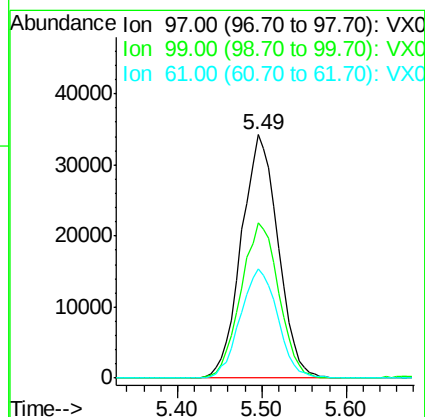
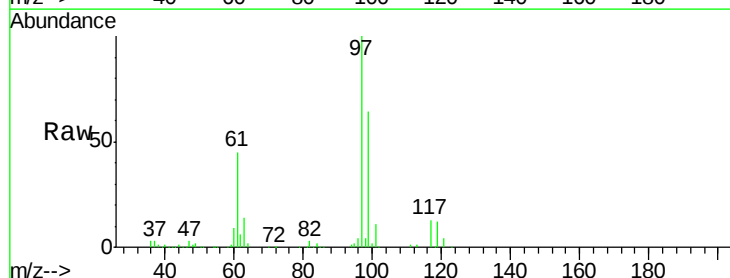
Tgt Ion: 97 Resp: 101721

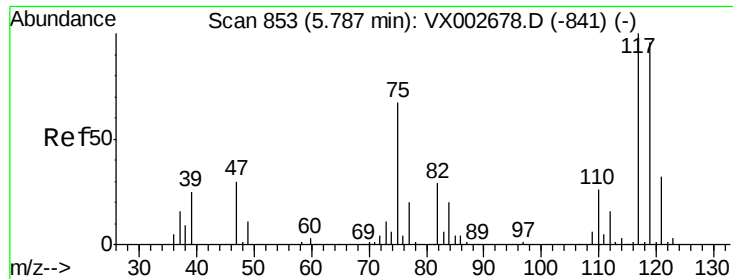
Ion Ratio Lower Upper

97 100

99 65.7 51.7 77.5

61 45.6 36.4 54.6





#33

Carbon Tetrachloride

Concen: 21.95 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

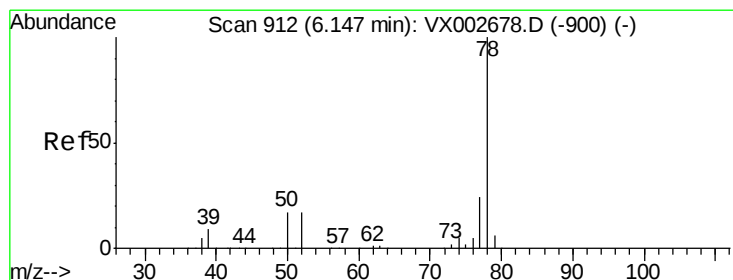
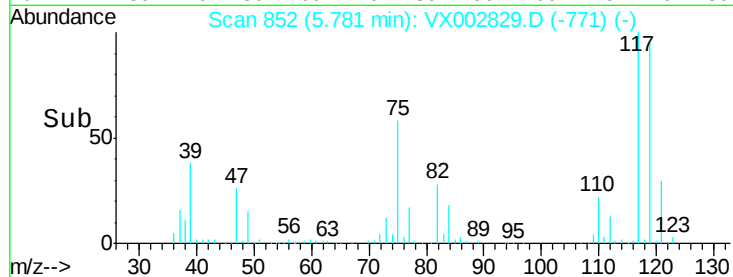
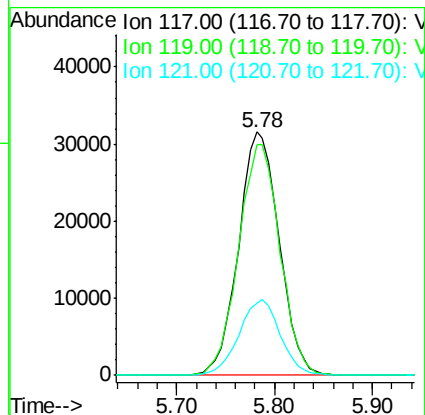
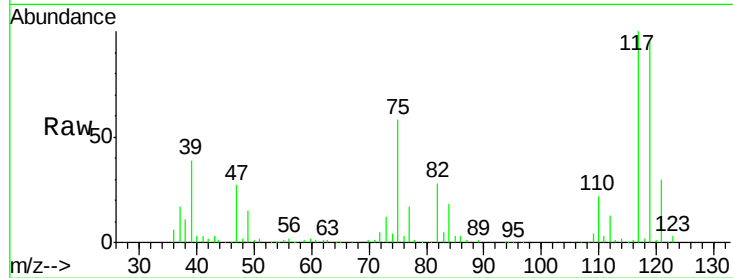
ClientSampleId :

VSTDCCC020

Tot Ion:	117	Resp:	91068
Ion	Ratio	Lower	Upper
117	100		
119	94.7	73.3	109.9
121	29.8	23.6	35.4

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#34

Benzene

Concen: 22.11 ug/l

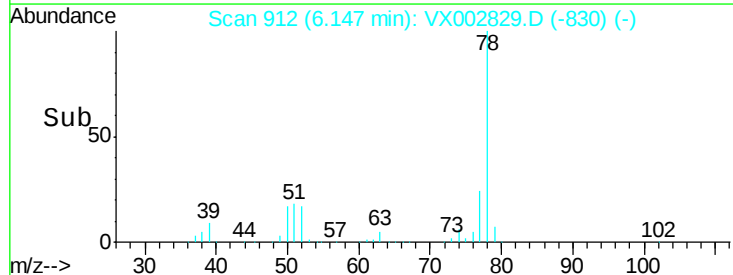
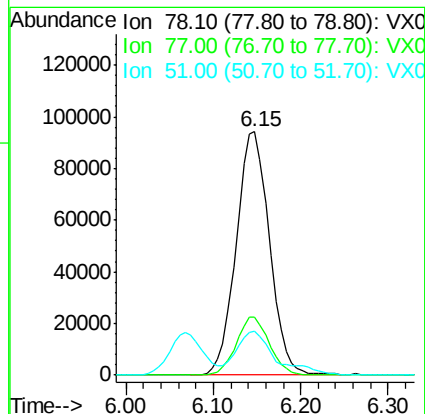
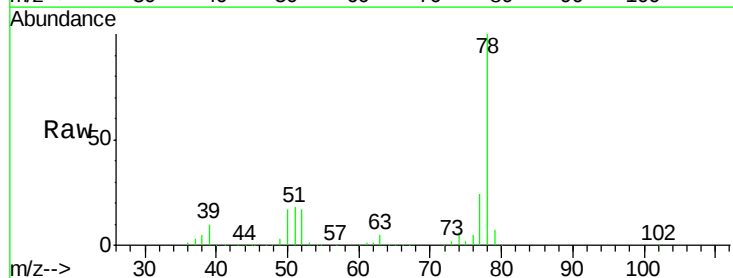
RT: 6.15 min Scan# 912

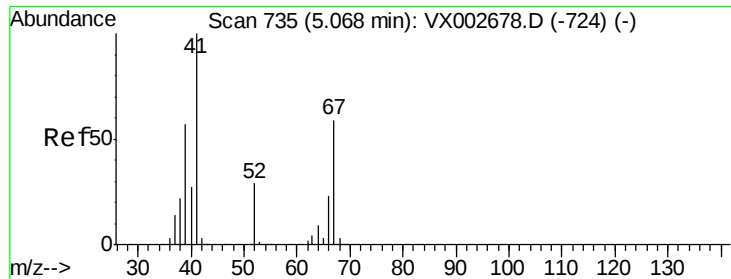
Delta R.T. 0.00 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Tgt Ion:	78	Resp:	250191
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.4	29.0
51	17.7	13.8	20.6





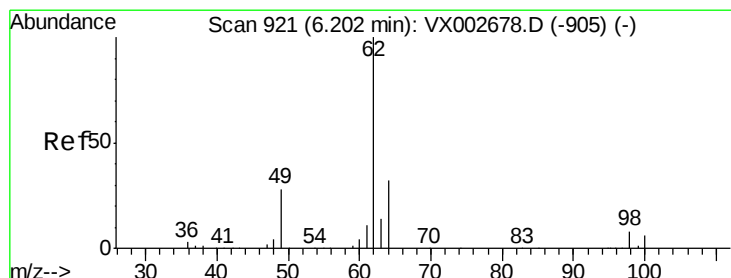
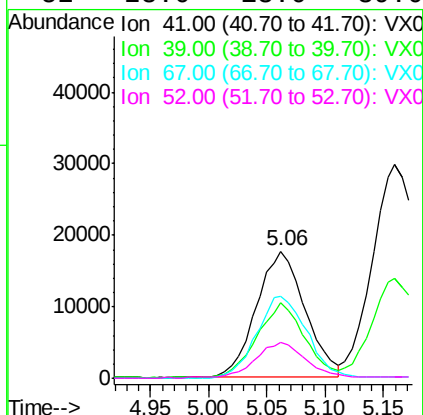
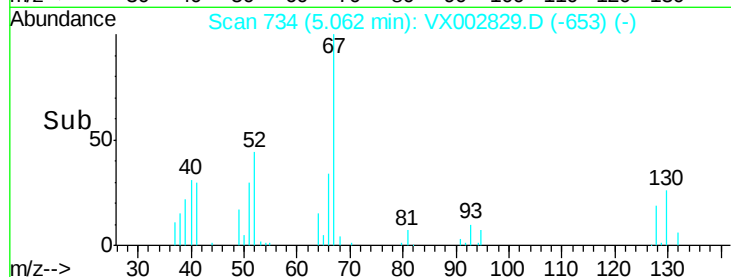
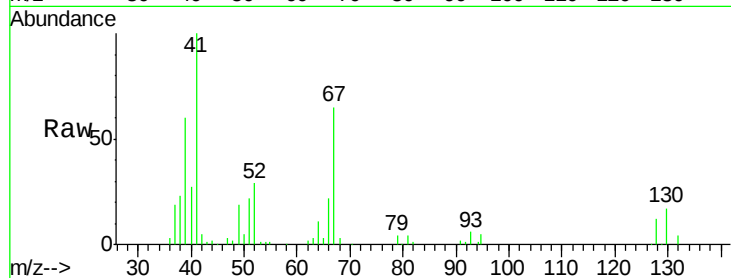
#35
Methacrylonitrile
Concen: 21.52 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:	41	Resp:	51222
Ion Ratio	Lower	Upper	
41	100		
39	58.5	28.8	86.5
67	65.4	30.4	91.2
52	28.0	13.0	39.0

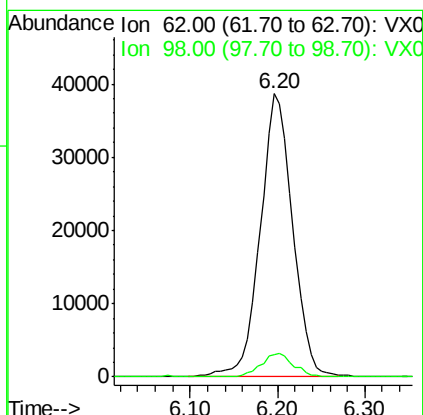
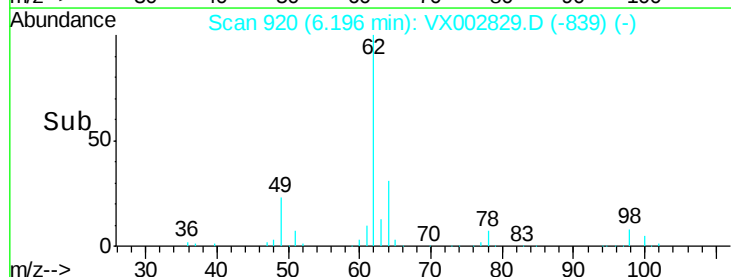
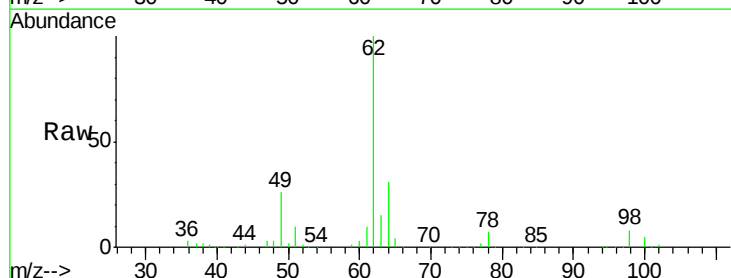
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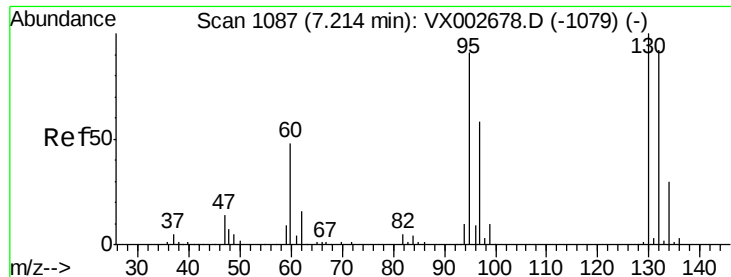
MMDadoda
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#36
1,2-Dichloroethane
Concen: 22.54 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Tgt Ion:	62	Resp:	100109
Ion Ratio	Lower	Upper	
62	100		
98	8.3	6.5	9.7





#37

Trichloroethene

Concen: 22.38 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:130 Resp: 74167

Ion Ratio Lower Upper

130 100

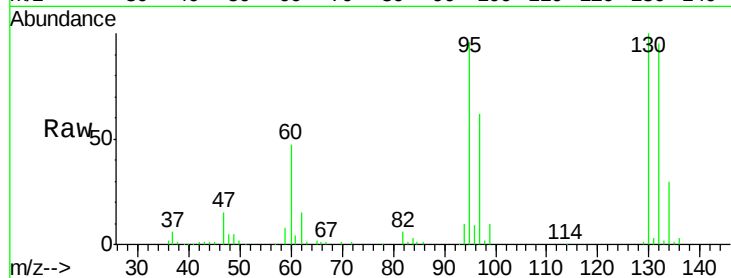
95 96.4 81.5 122.3

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

40000

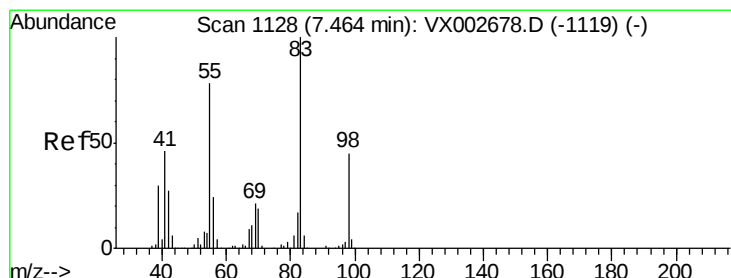
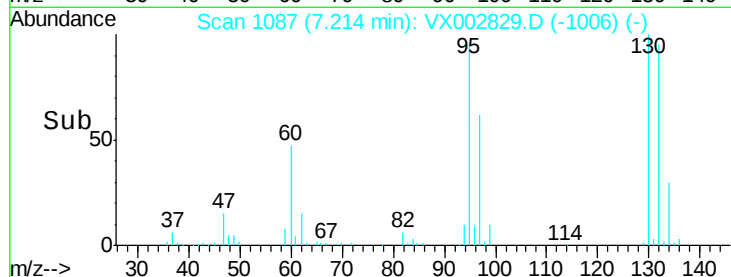
30000

20000

10000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#38

Methylcyclohexane

Concen: 21.77 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

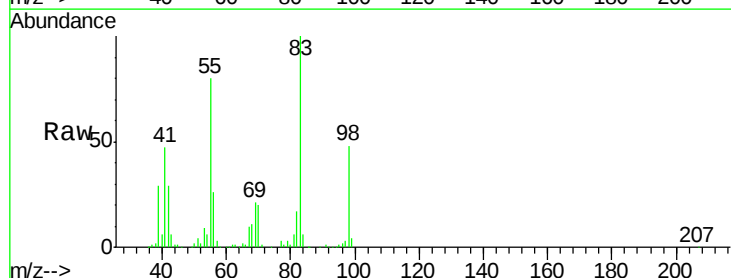
Tgt Ion: 83 Resp: 101175

Ion Ratio Lower Upper

83 100

55 79.4 40.6 121.8

98 47.1 23.5 70.5



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.46

60000

50000

40000

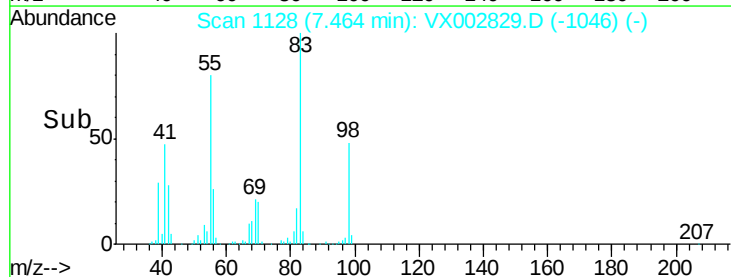
30000

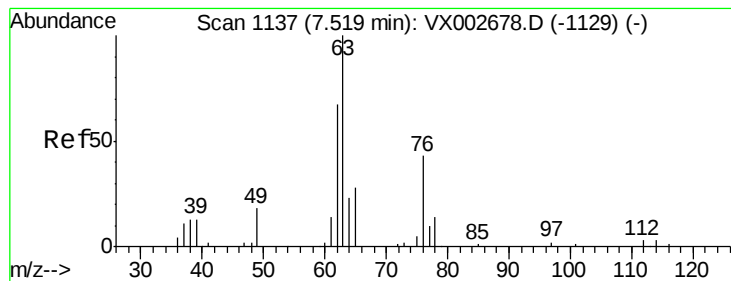
20000

10000

0

Time--> 7.35 7.40 7.45 7.50 7.55





#39

1,2-Dichloropropane

Concen: 21.60 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 63 Resp: 63752

Ion Ratio Lower Upper

63 100

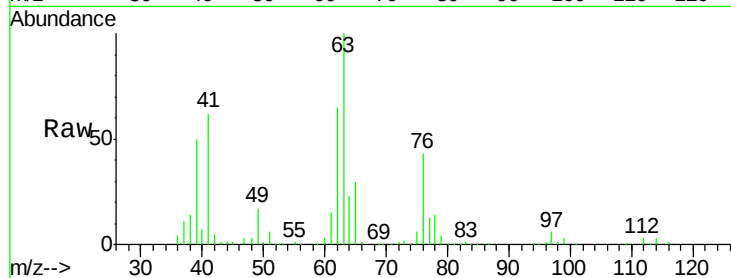
65 29.6 23.3 34.9

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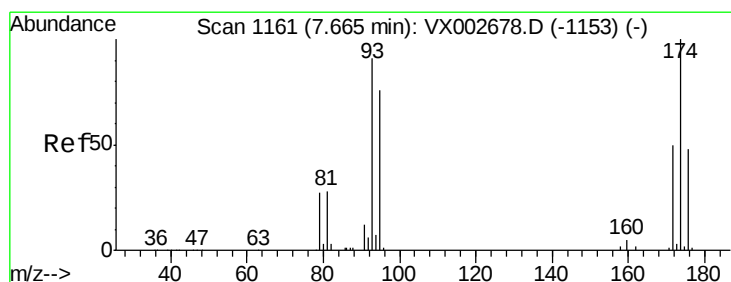
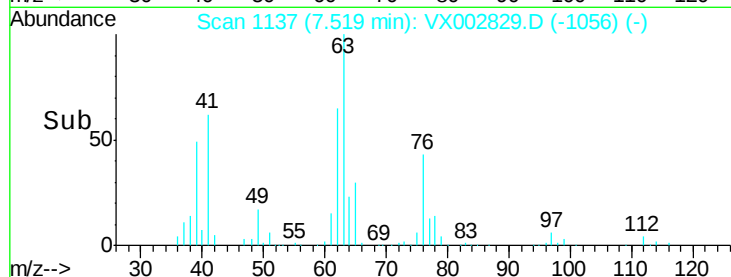
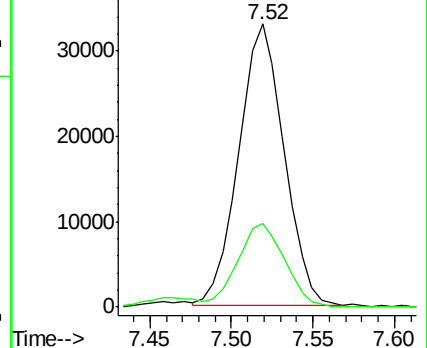
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Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 22.15 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

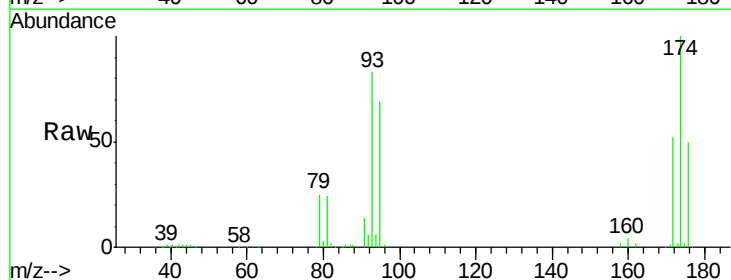
Tgt Ion: 93 Resp: 45420

Ion Ratio Lower Upper

93 100

95 83.4 0.0 162.6

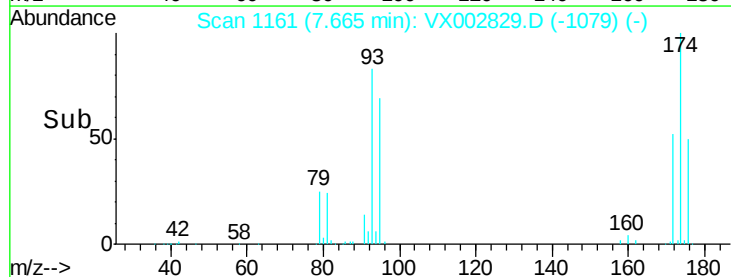
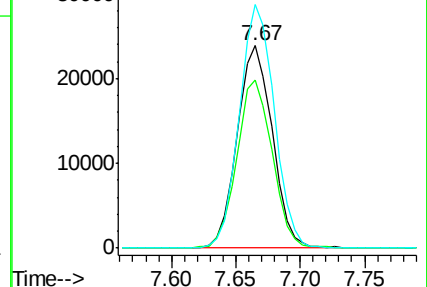
174 119.0 0.0 229.4

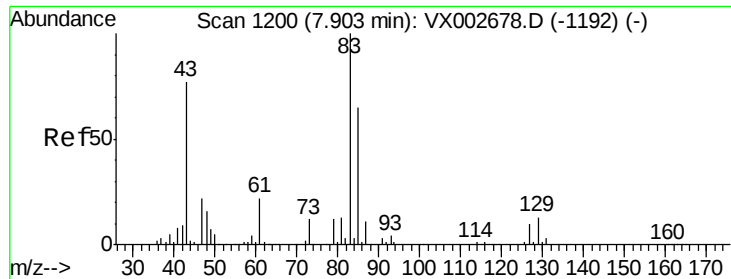


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 21.78 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

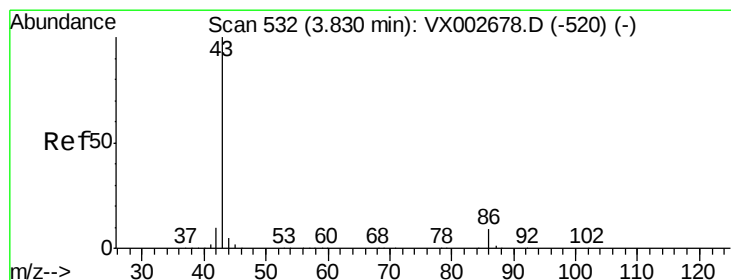
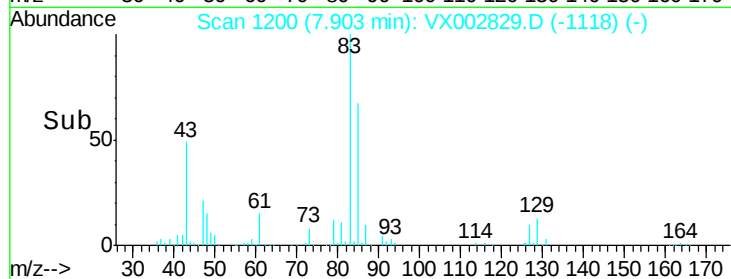
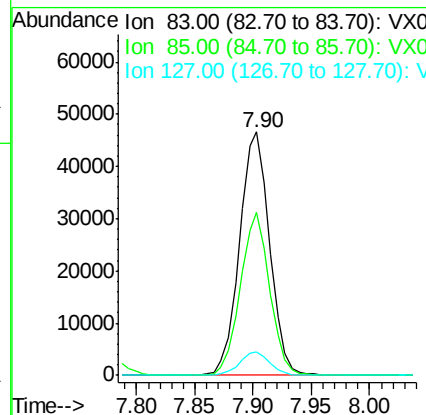
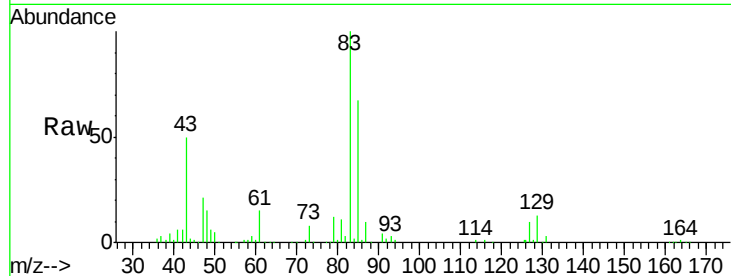
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	83870
Ion	Ratio	Lower	Upper
83	100		
85	67.0	49.8	74.8
127	9.8	7.3	10.9

Manual Integrations
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#42

Vinyl Acetate

Concen: 109.21 ug/l

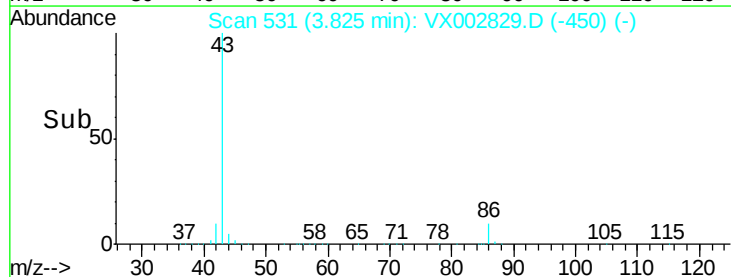
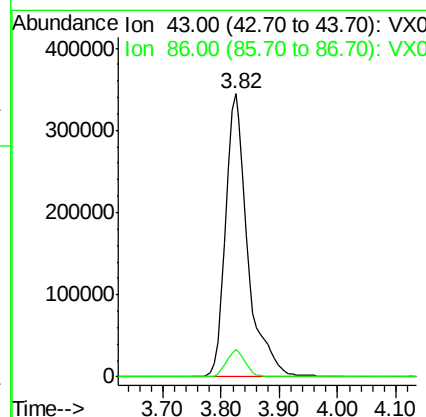
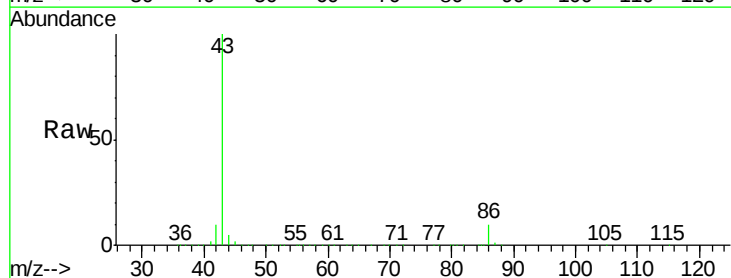
RT: 3.82 min Scan# 531

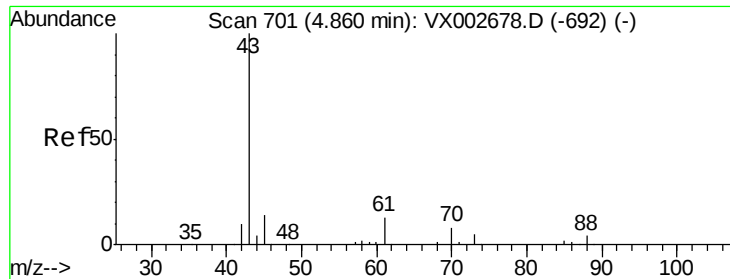
Delta R.T. -0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Tgt Ion:	43	Resp:	905379
Ion	Ratio	Lower	Upper
43	100		
86	8.3	6.7	10.1





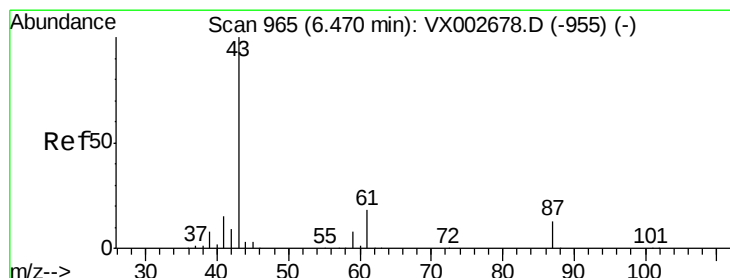
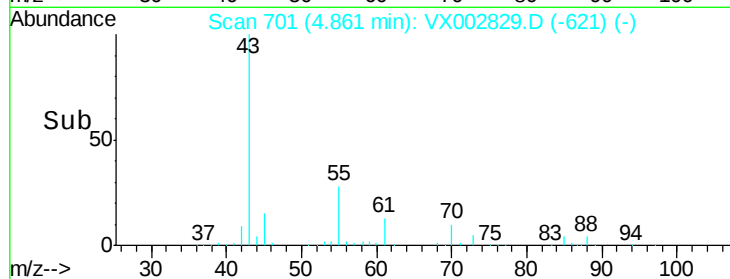
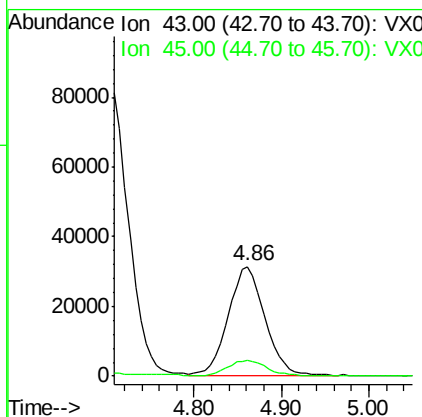
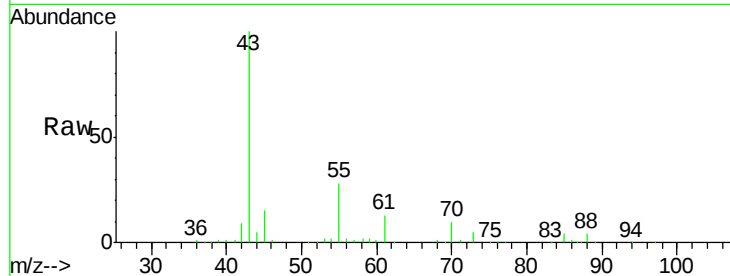
#43
Ethyl Acetate
Concen: 21.82 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	43	Ratio	Lower	Upper
43	100			
45	15.4	11.0	16.4	

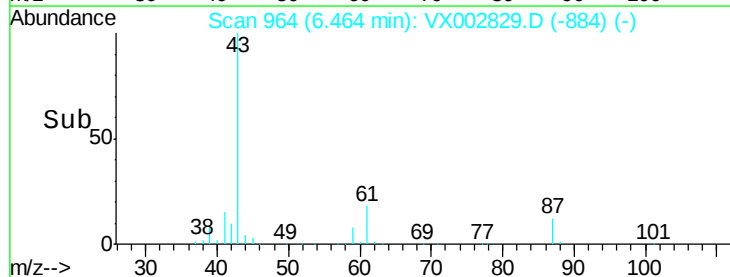
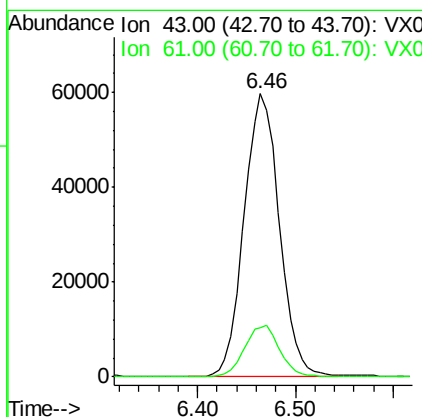
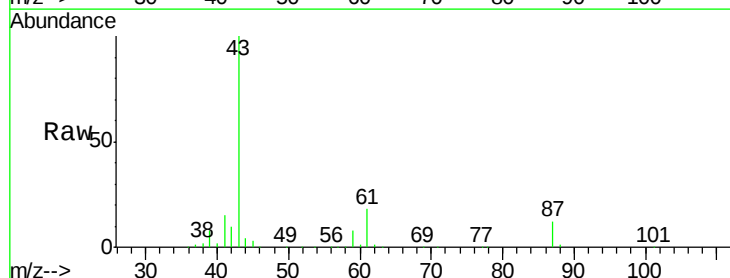
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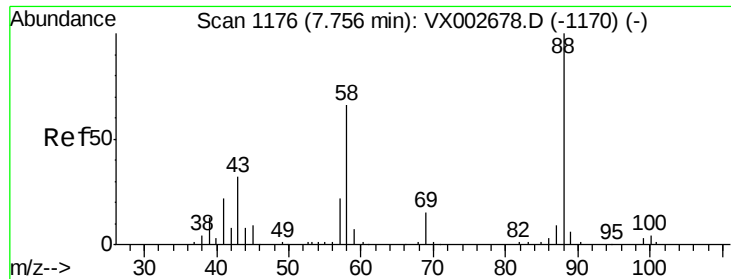
MMDadoda
6/25/2018 6:56:04 PM



#44
Isopropyl Acetate
Concen: 21.33 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.01 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Tgt Ion	43	Ratio	Lower	Upper
43	100			
61	18.3	14.5	21.7	





#45

1,4-Dioxane

Concen: 434.52 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

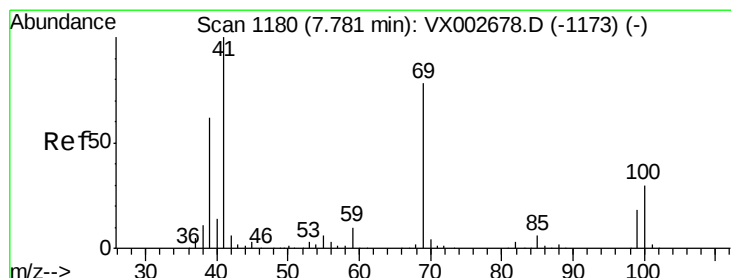
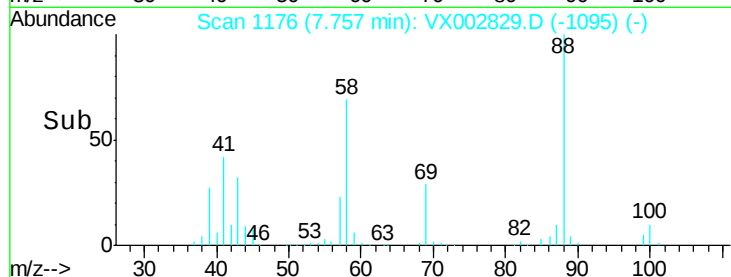
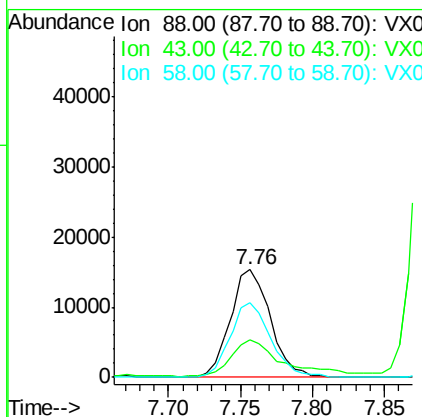
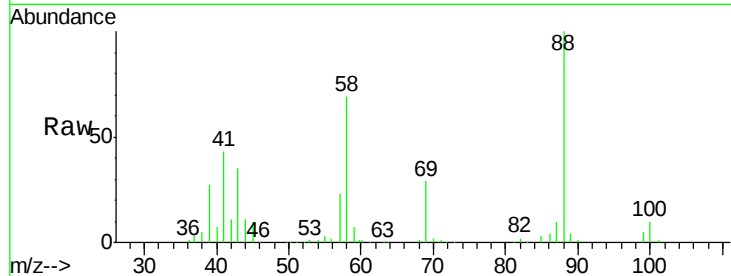
ClientSampleId :

VSTDCCC020

Tot Ion:	88	Resp:	29819
Ion	Ratio	Lower	Upper
88	100		
43	44.7	43.2	64.8
58	70.5	60.2	90.2

Manual Integrations
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#46

Methyl methacrylate

Concen: 21.93 ug/l

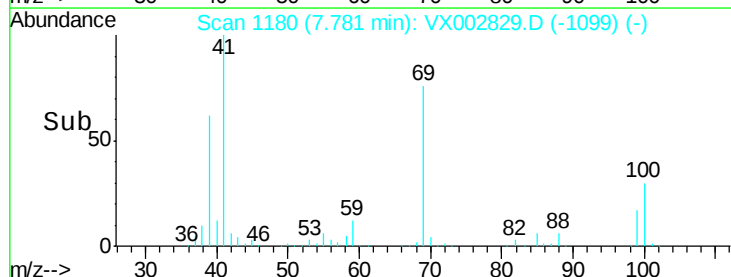
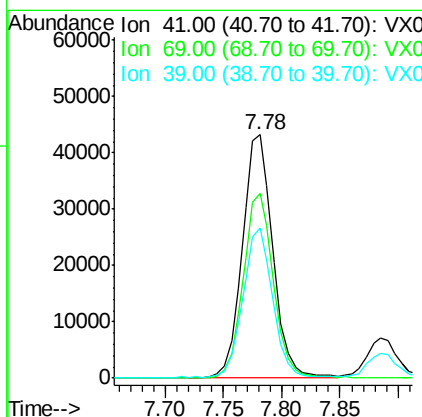
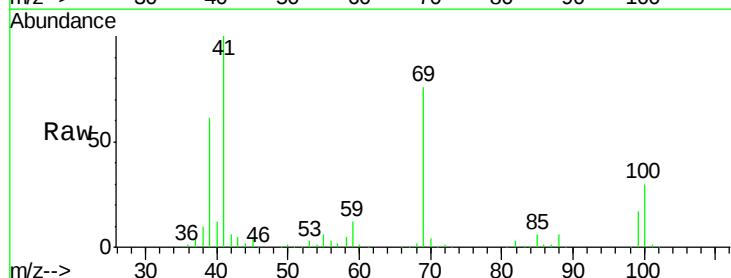
RT: 7.78 min Scan# 1180

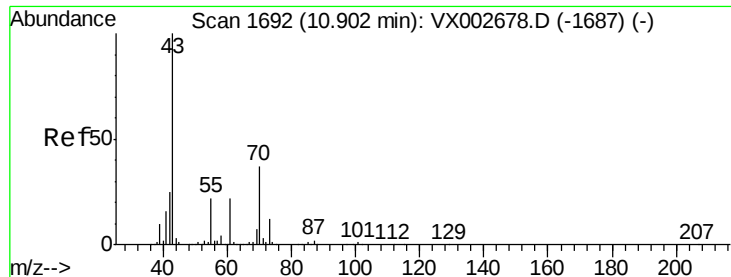
Delta R.T. -0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Tgt Ion:	41	Resp:	78479
Ion	Ratio	Lower	Upper
41	100		
69	75.8	37.0	110.9
39	61.4	29.6	88.9





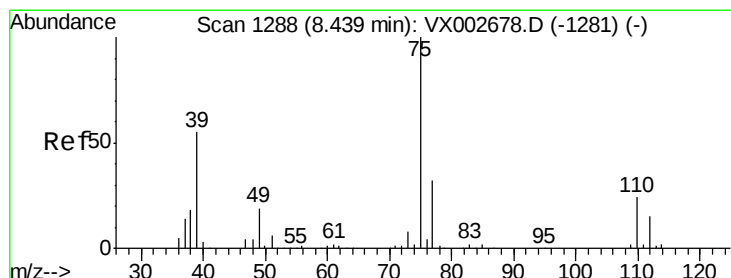
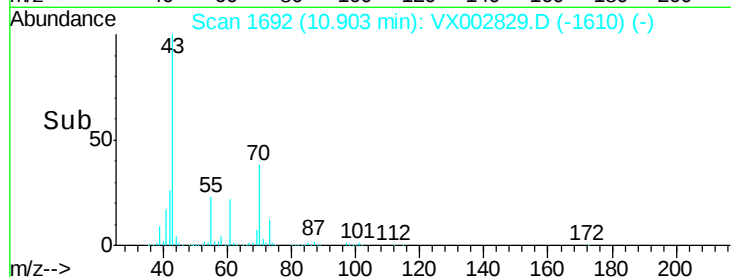
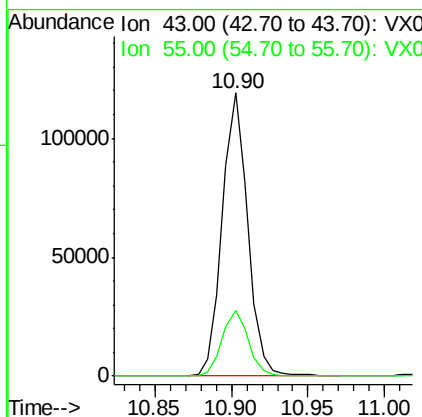
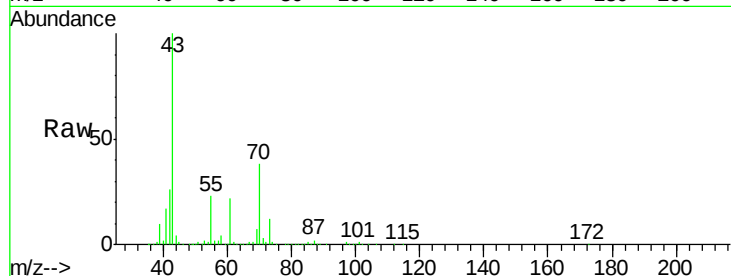
#47
n-amvl Acetate
Concen: 20.64 ug/l
RT: 10.90 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion: 43 Resp: 136427
Ion Ratio Lower Upper
43 100
55 24.3 0.1 0.1#

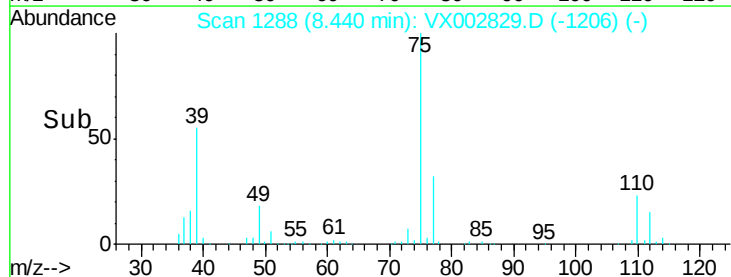
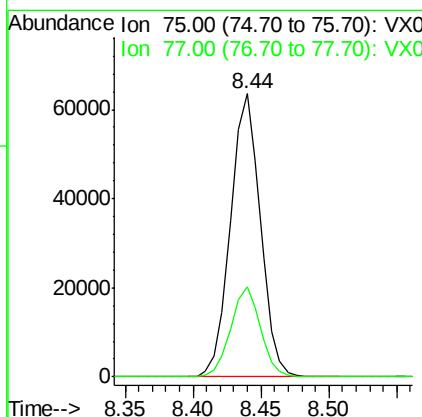
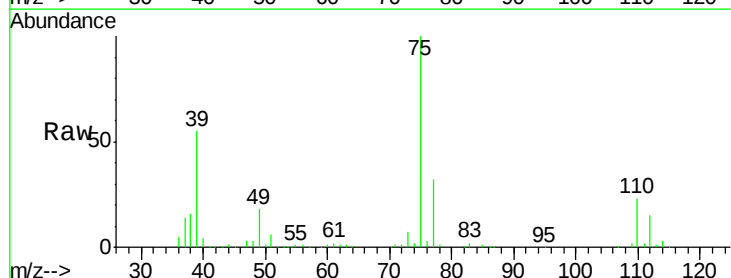
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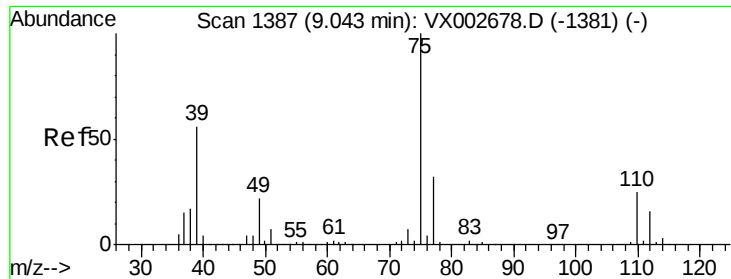
MMDadoda
6/25/2018 6:56:04 PM



#48
t-1,3-Dichloropropene
Concen: 21.52 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Tgt Ion: 75 Resp: 97325
Ion Ratio Lower Upper
75 100
77 31.6 25.6 38.4





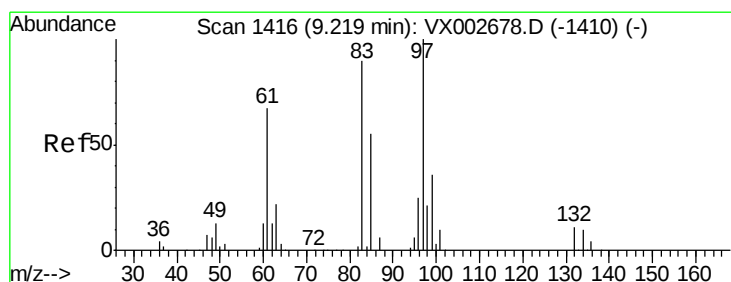
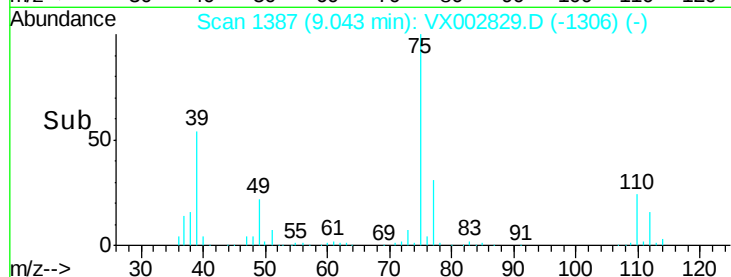
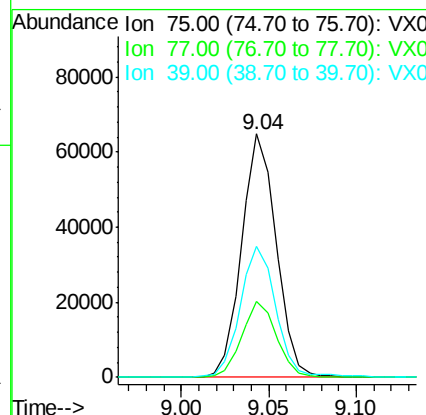
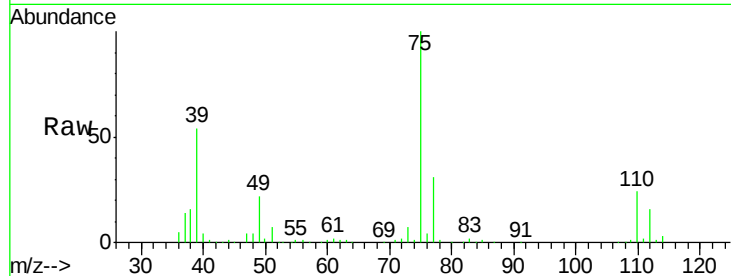
#49
 cis-1,3-Dichloropropene
 Concen: 21.21 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.4	38.2
39	53.6	42.3	63.5

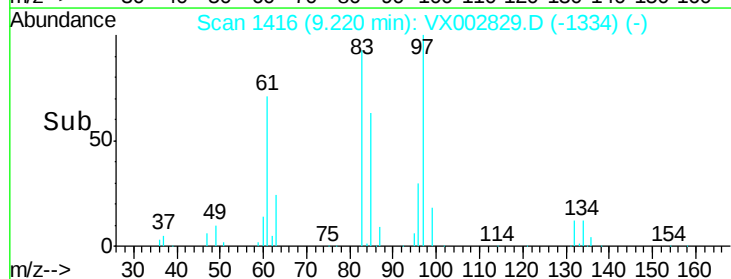
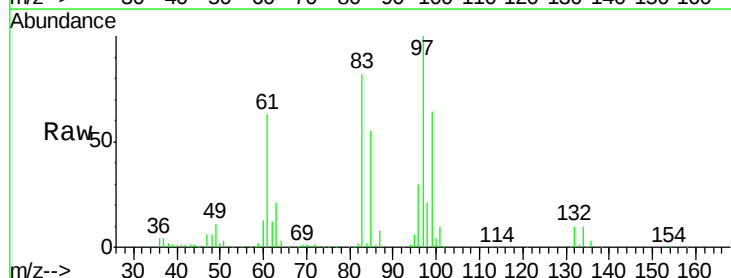
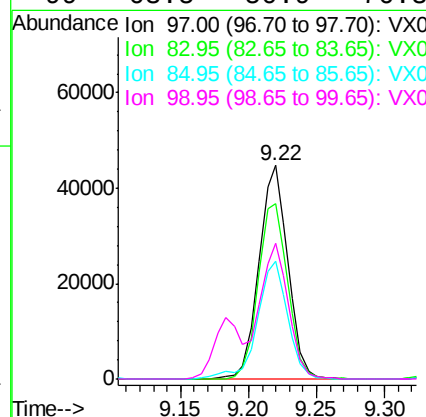
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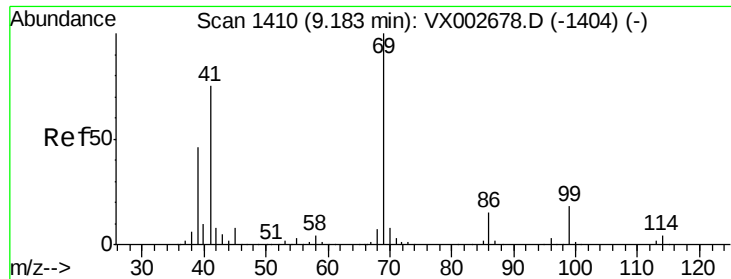
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#50
 1,1,2-Trichloroethane
 Concen: 22.12 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.9	70.8	106.2
85	55.2	43.5	65.3
99	63.5	50.9	76.3





#51

Ethyl methacrylate

Concen: 21.01 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

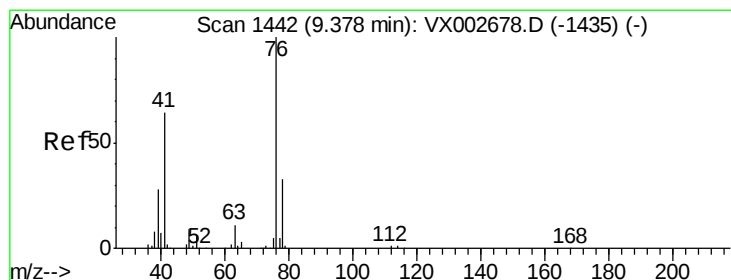
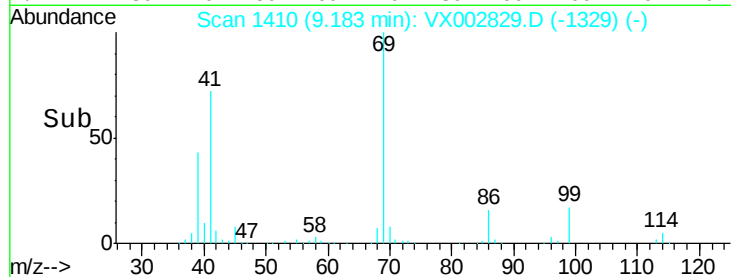
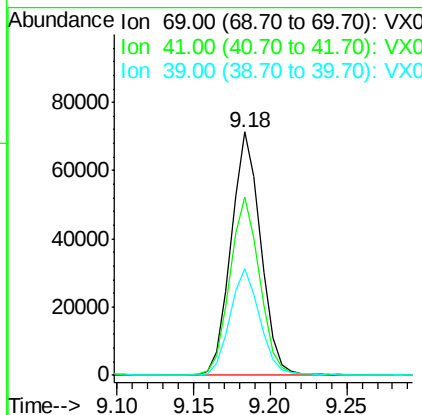
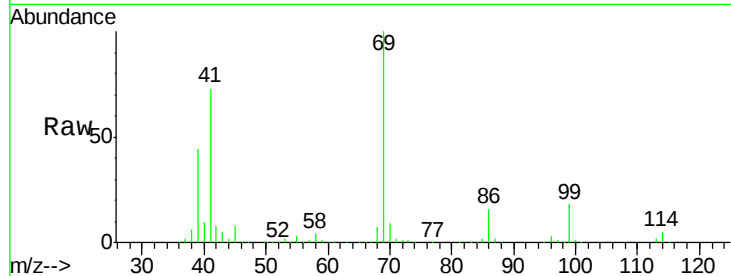
ClientSampleId :

VSTDCCC020

Tot Ion:	69	Resp:	95905
Ion Ratio	Lower	Upper	
69	100		
41	73.0	39.1	117.3
39	43.6	21.7	65.1

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 22.13 ug/l

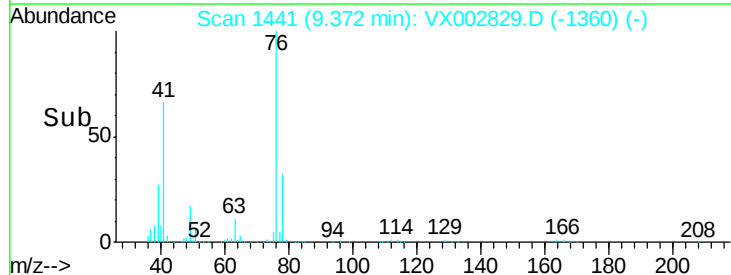
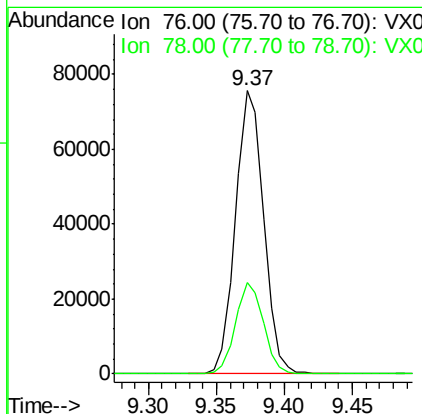
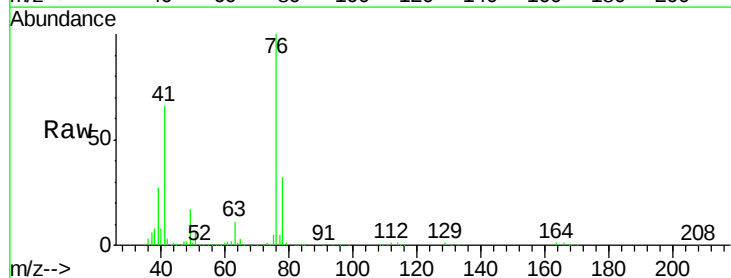
RT: 9.37 min Scan# 1441

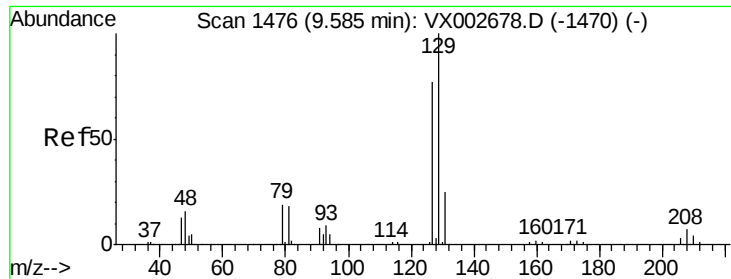
Delta R.T. -0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Tgt Ion:	76	Resp:	109340
Ion Ratio	Lower	Upper	
76	100		
78	32.0	0.0	63.4





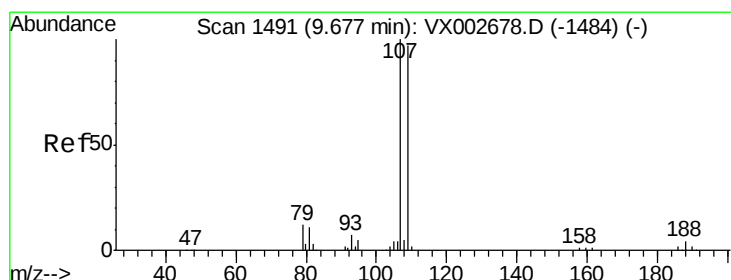
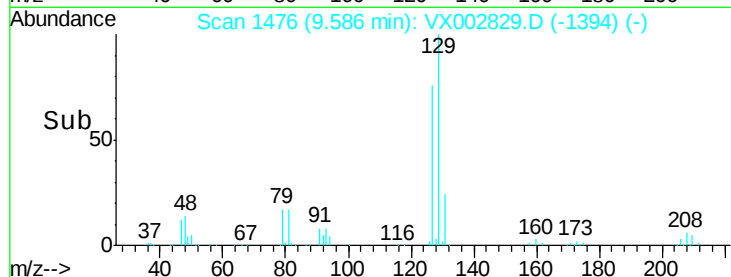
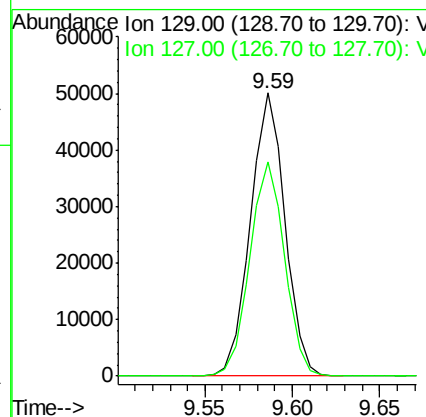
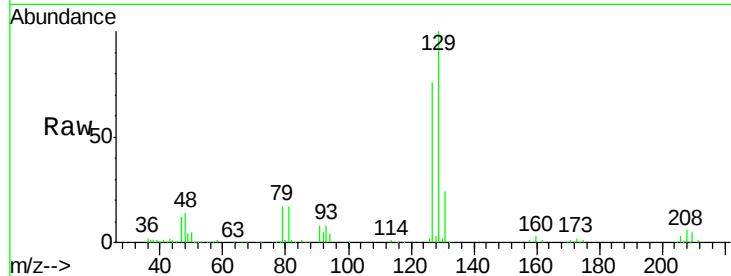
#53
Dibromochloromethane
Concen: 21.44 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:129 Resp: 68844
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.3

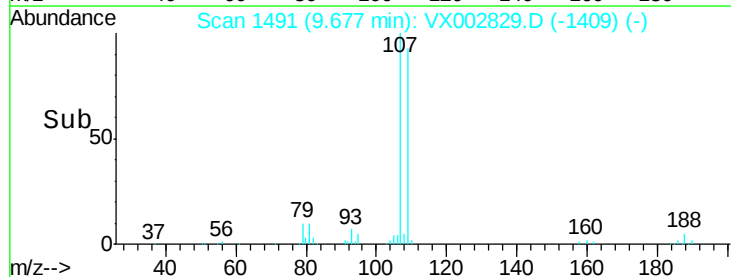
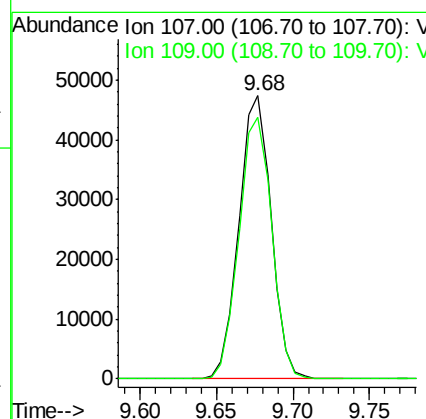
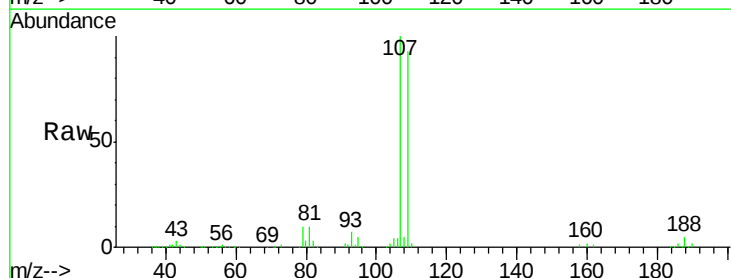
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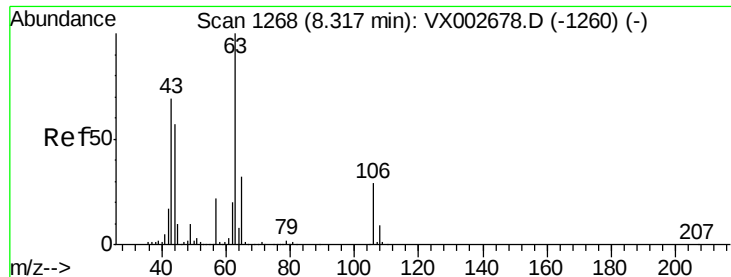
MMDadoda
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#54
1,2-Dibromoethane
Concen: 21.72 ug/l
RT: 9.68 min Scan# 1491
Delta R.T. 0.00 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Tgt Ion:107 Resp: 69213
Ion Ratio Lower Upper
107 100
109 94.5 75.5 113.3





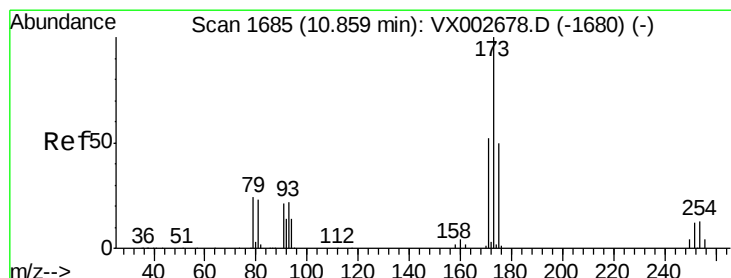
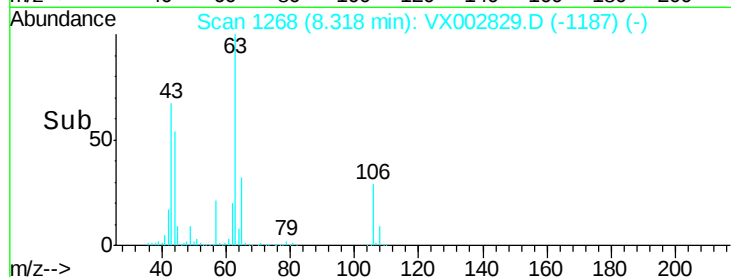
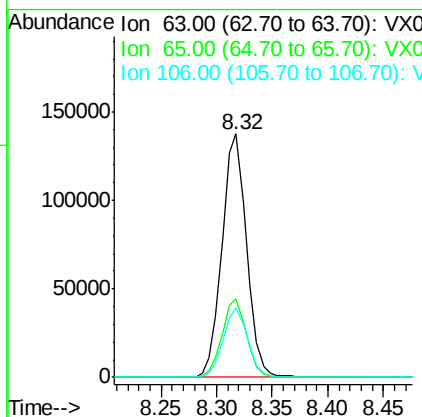
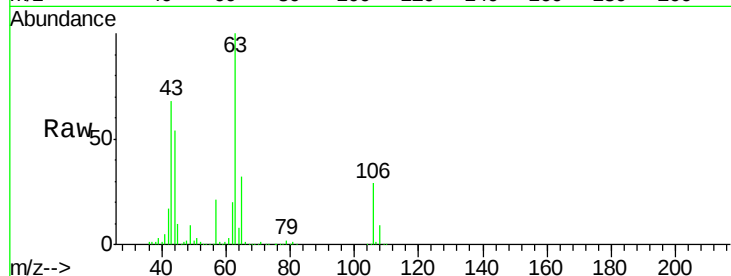
#55
2-Chloroethyl vinyl ether
Concen: 97.04 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.6	38.4
106	28.5	21.6	32.4

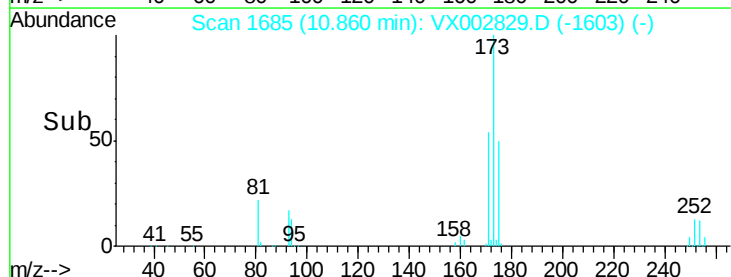
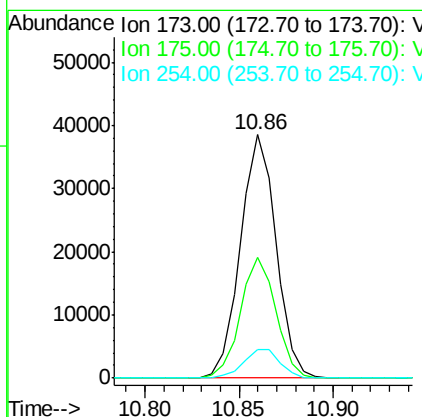
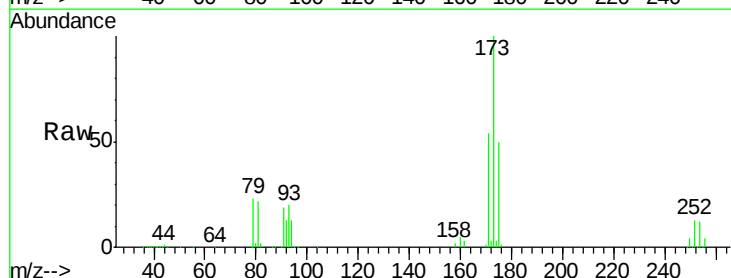
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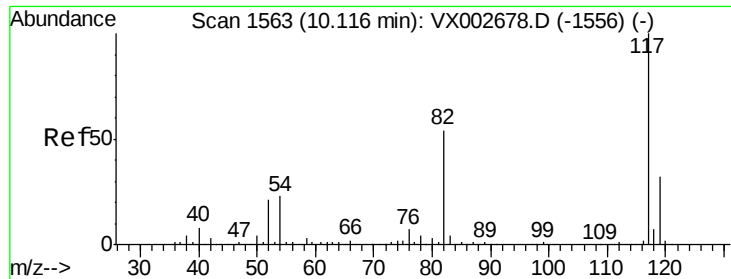
MMDadoda
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#56
Bromoform
Concen: 19.73 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.2	39.0	58.4
254	12.2	9.6	14.4





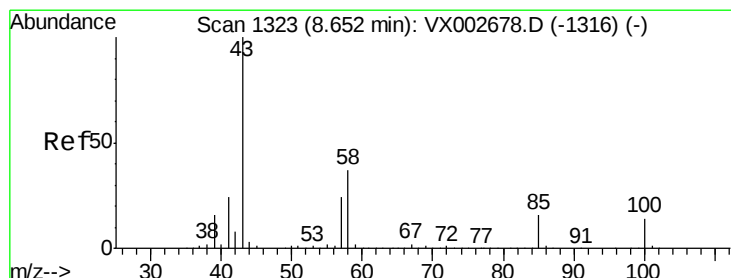
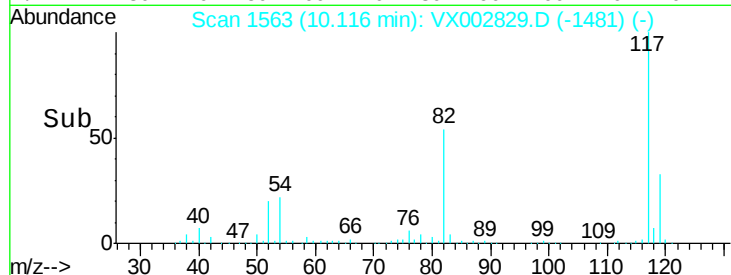
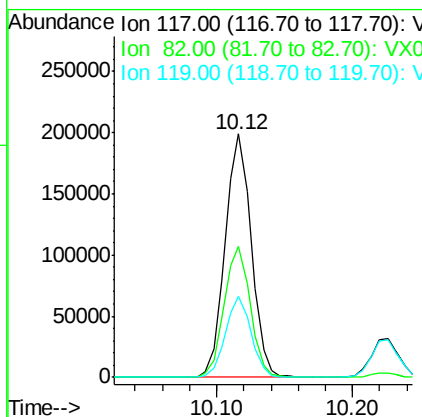
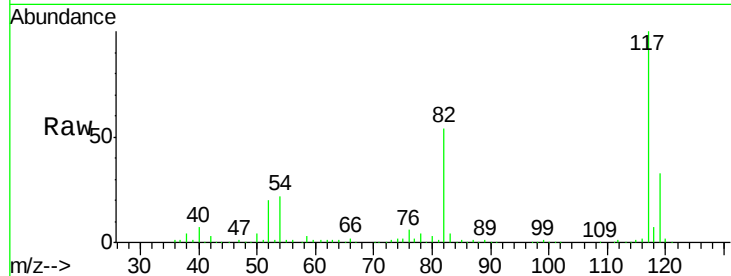
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	44.3	66.5
119	32.3	25.7	38.5

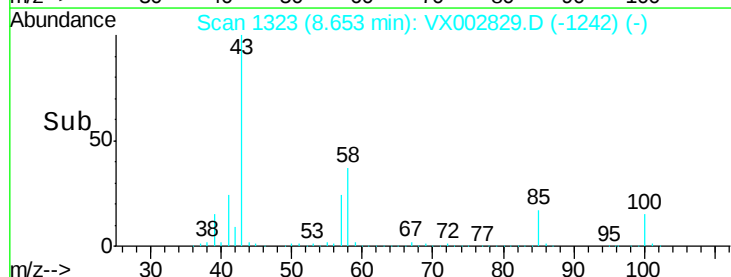
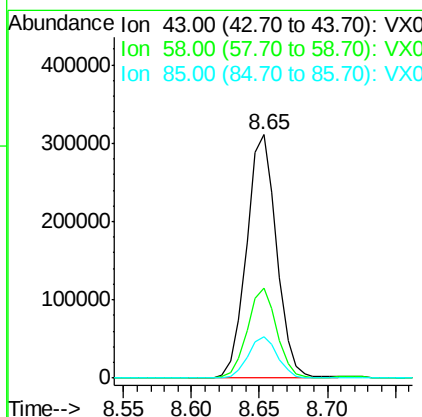
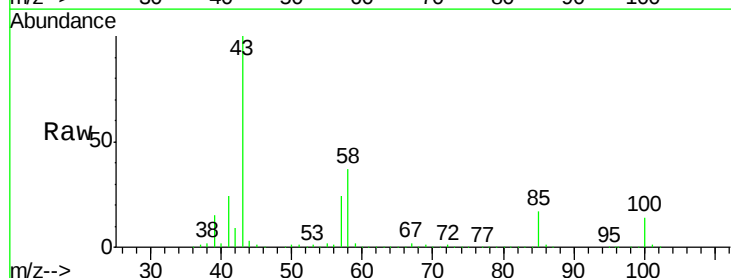
Manual Integrations
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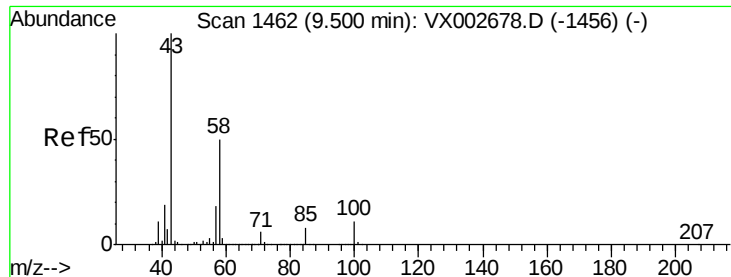
MMDadoda
6/25/2018 6:56:04 PM



#58
4-Methyl-2-Pentanone
Concen: 106.78 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.3	28.2	42.4
85	16.9	12.4	18.6





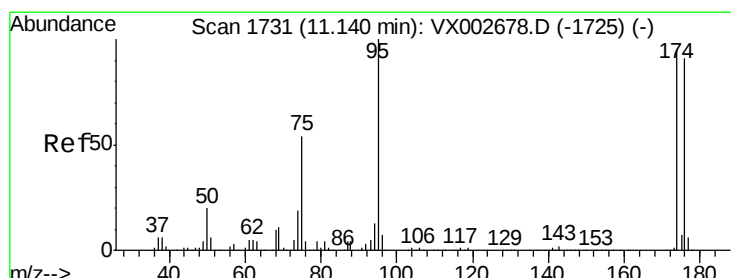
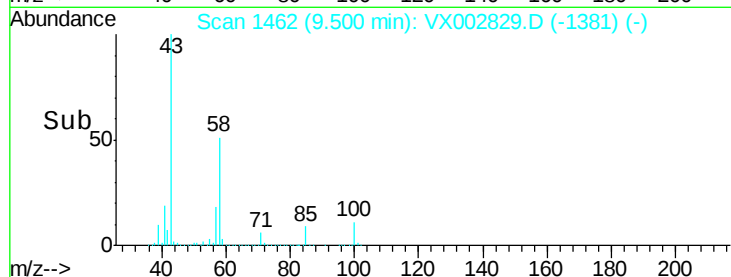
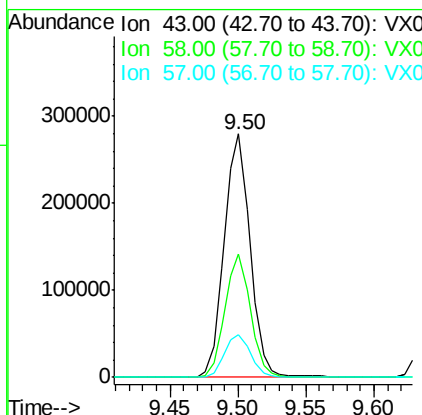
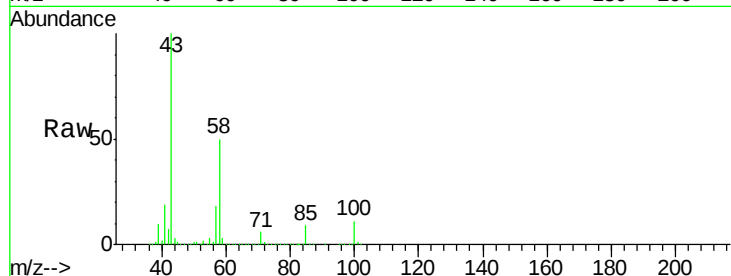
#59
2-Hexanone
Concen: 107.77 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
43	100	370940		
58	49.7		39.6	59.4
57	17.8		14.1	21.1

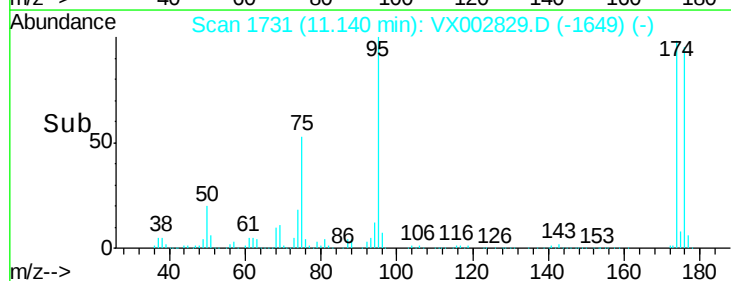
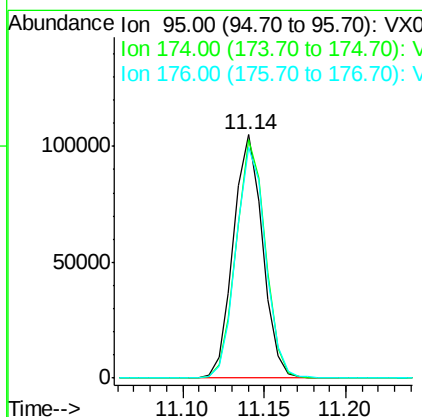
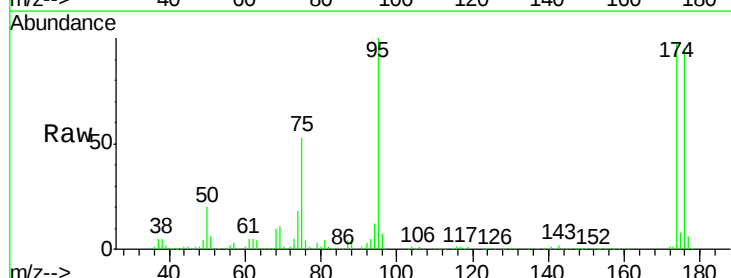
Manual Integrations
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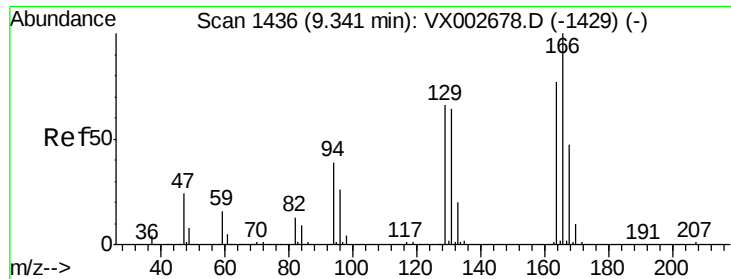
MMDadoda
6/25/2018 6:56:04 PM



#60
4-Bromofluorobenzene
Concen: 29.87 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	130844		
174	98.0		71.8	107.6
176	95.9		70.1	105.1





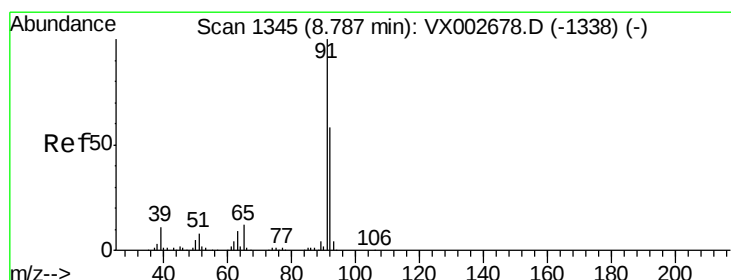
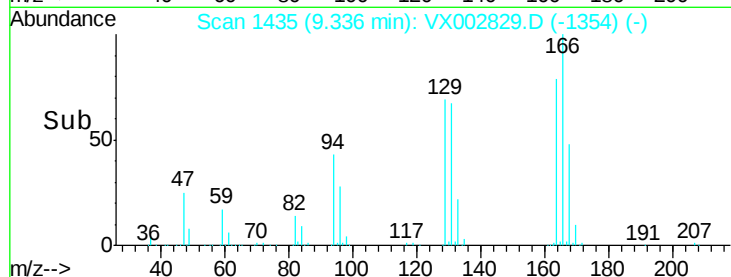
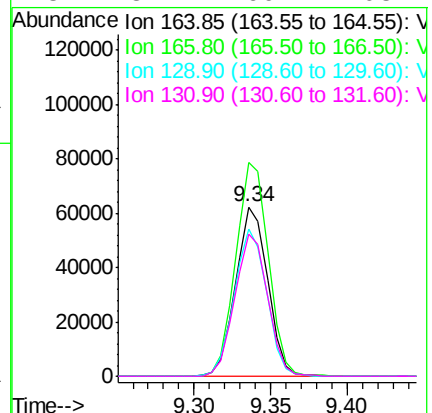
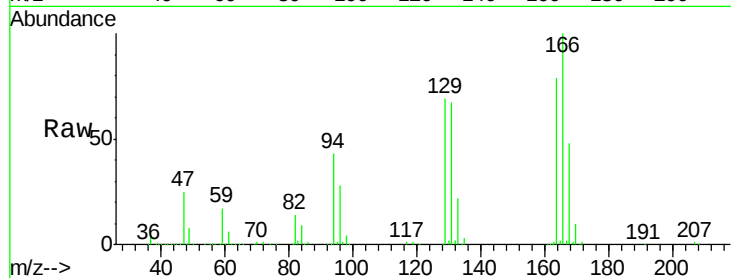
#61
 Tetrachloroethene
 Concen: 24.88 ug/l
 RT: 9.34 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
164	100				
166	126.2	102.4	153.6		
129	87.3	70.1	105.1		
131	84.1	69.1	103.7		

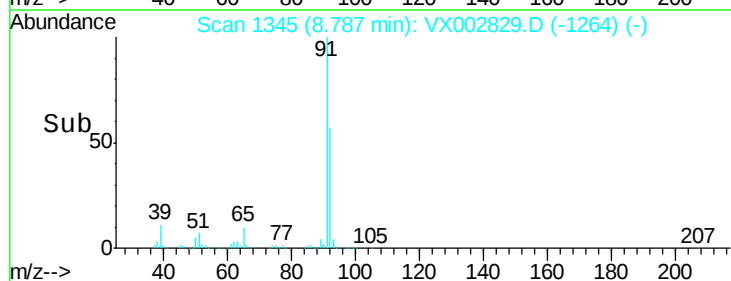
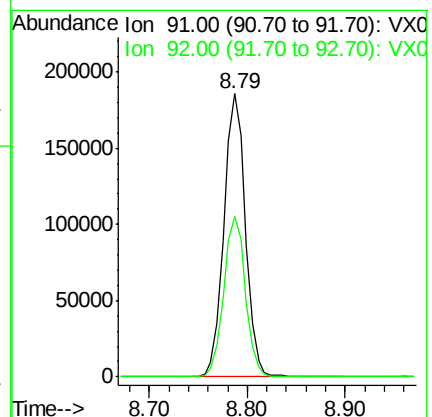
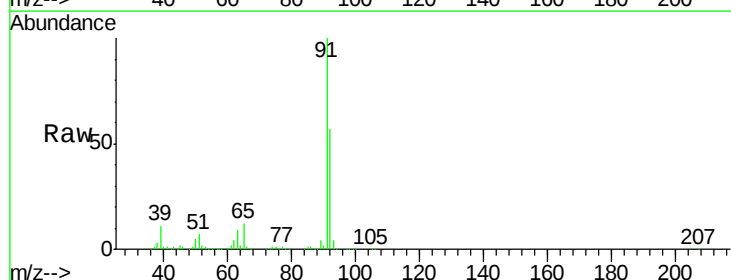
Manual Integrations
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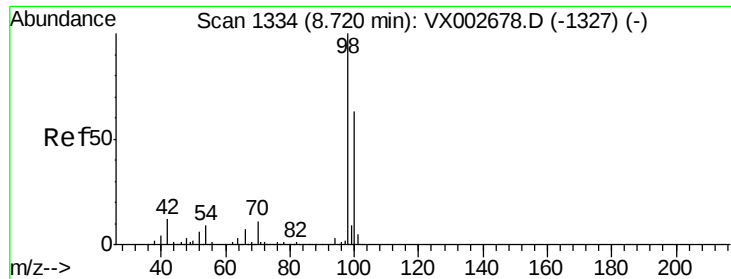
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#62
 Toluene
 Concen: 22.15 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
92	56.9	46.5	69.7		





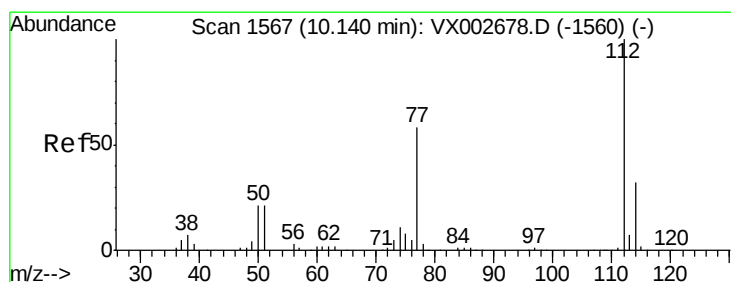
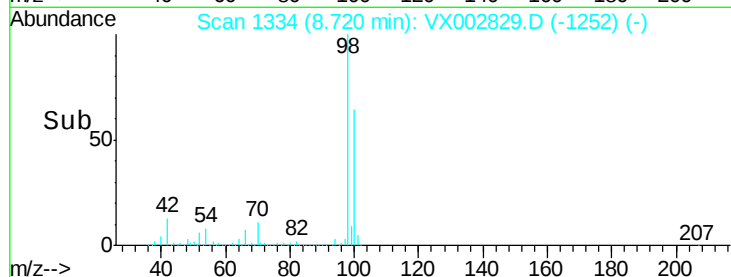
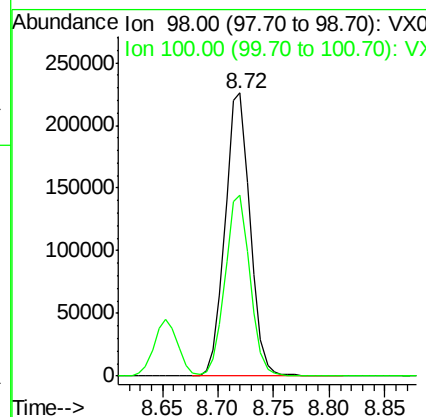
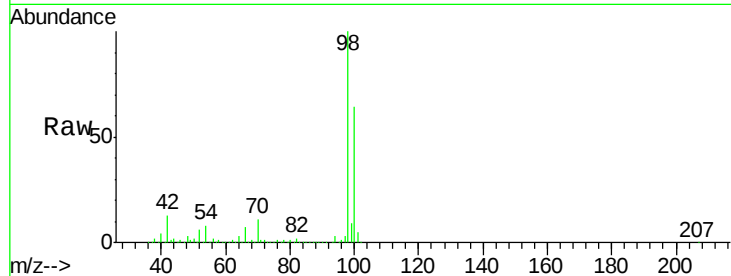
#63
Toluene-d8
Concen: 30.30 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion: 98 Resp: 351036
Ion Ratio Lower Upper
98 100
100 64.1 50.8 76.2

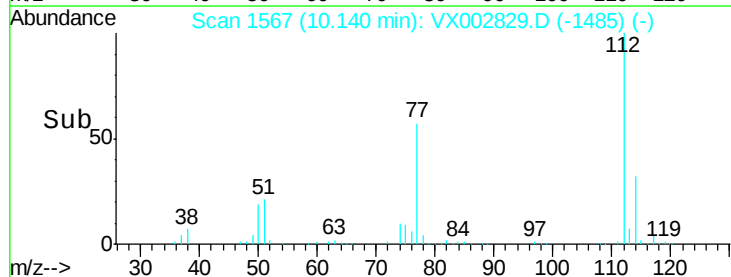
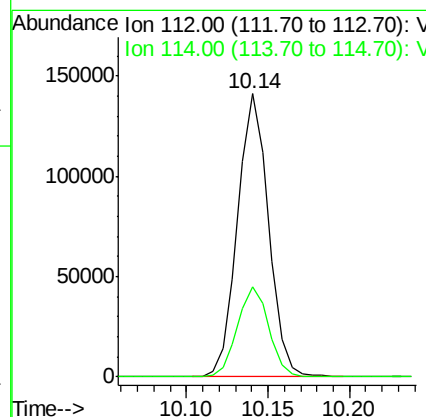
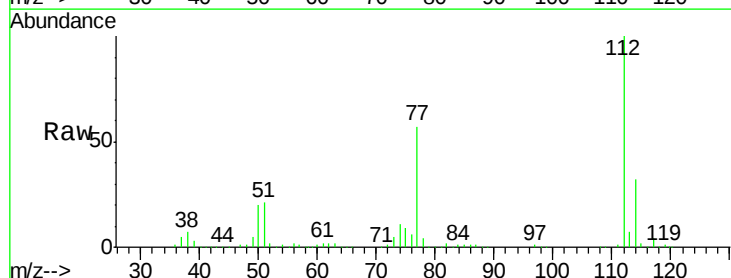
Manual Integrations
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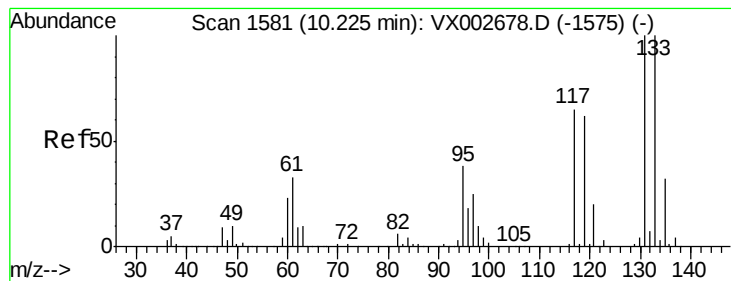
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#64
Chlorobenzene
Concen: 22.00 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Tgt Ion: 112 Resp: 186879
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 22.20 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

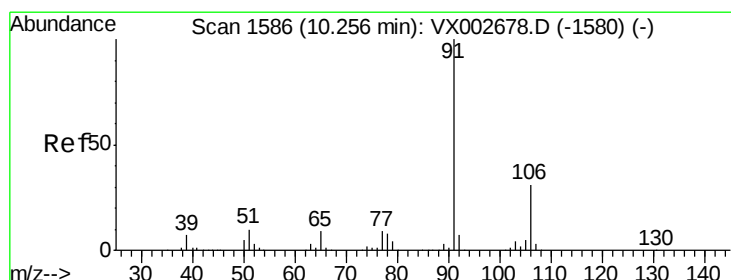
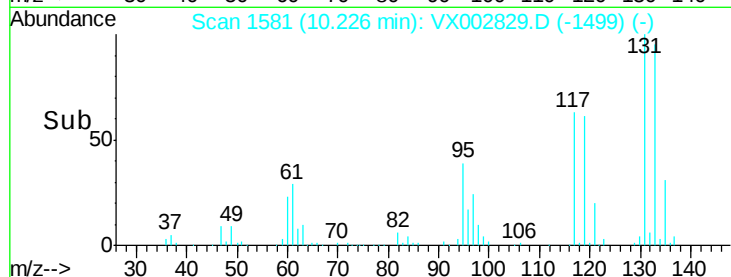
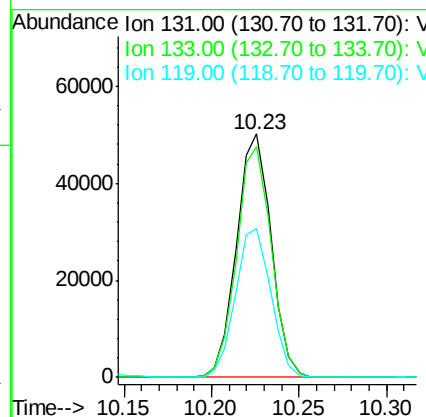
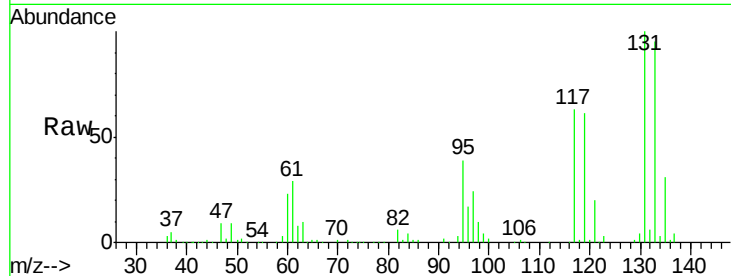
ClientSampleId :

VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
131	100	69104		
133	94.7	0.0	191.2	
119	62.7	0.0	125.4	

Manual Integrations
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#66

Ethyl Benzene

Concen: 21.98 ug/l

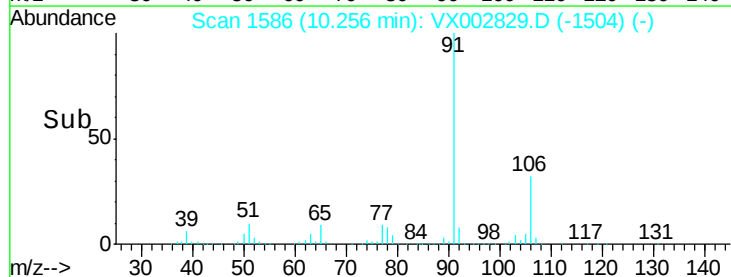
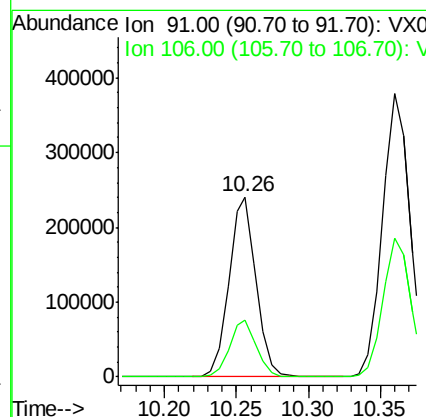
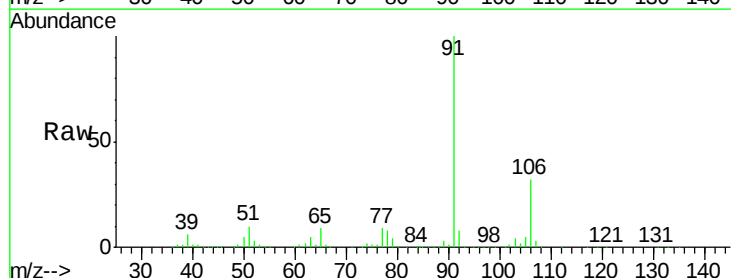
RT: 10.26 min Scan# 1586

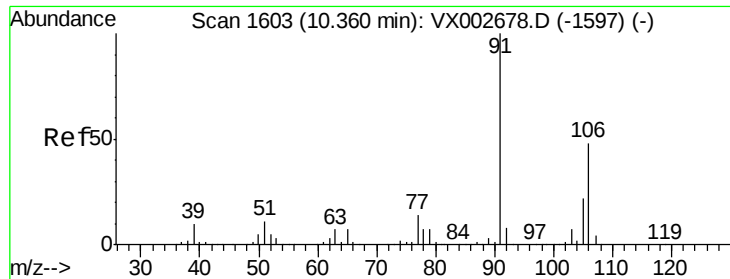
Delta R.T. 0.00 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	316413		
106	31.8	25.2	37.8	





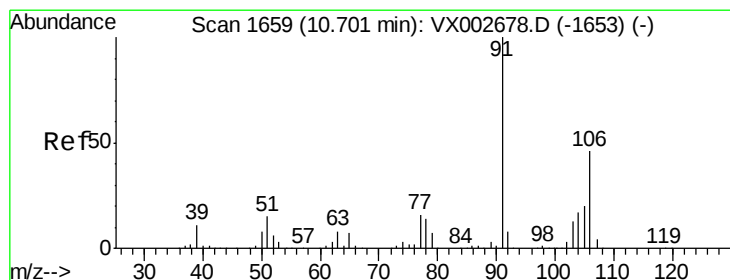
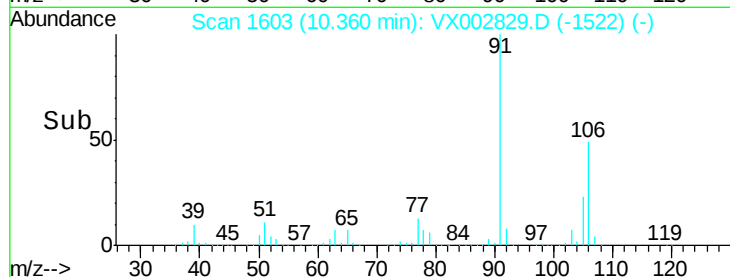
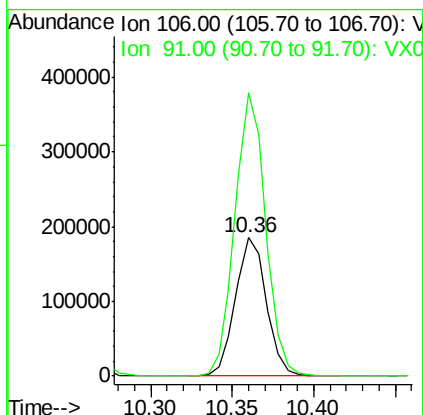
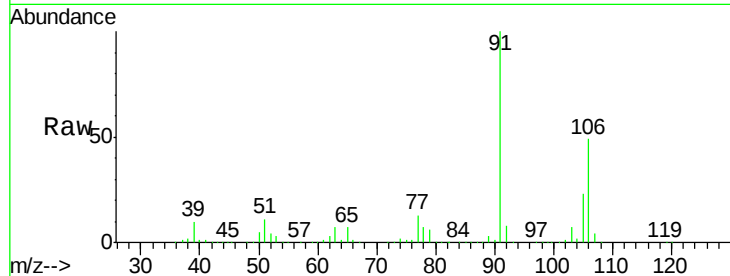
#67
m/p-Xvlenes
Concen: 43.55 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:106 Resp: 243658
Ion Ratio Lower Upper
106 100
91 204.7 164.1 246.1

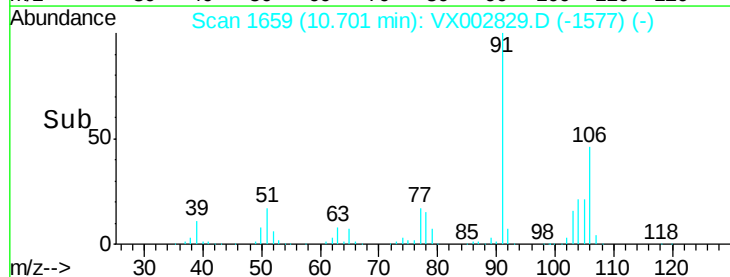
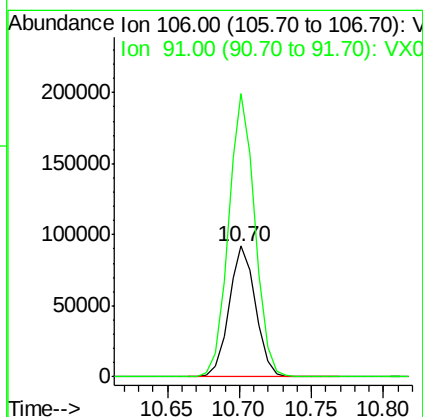
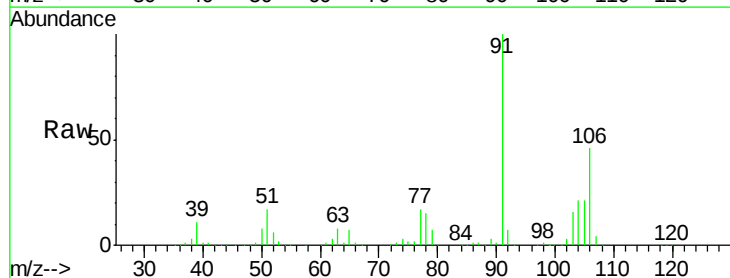
Manual Integrations
APPROVED

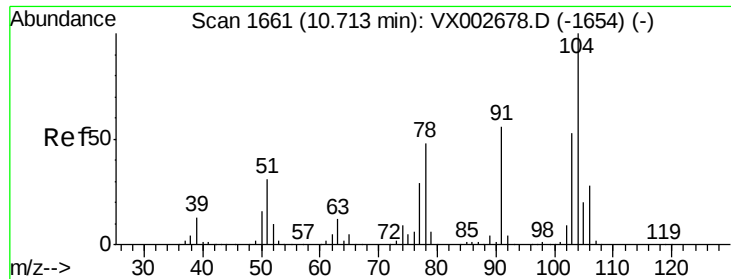
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#68
o-Xylene
Concen: 21.82 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Tgt Ion:106 Resp: 118948
Ion Ratio Lower Upper
106 100
91 214.3 109.1 327.3





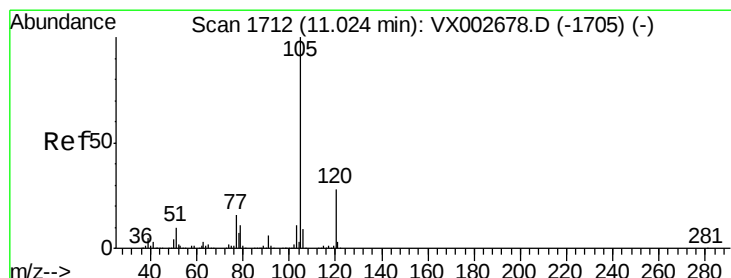
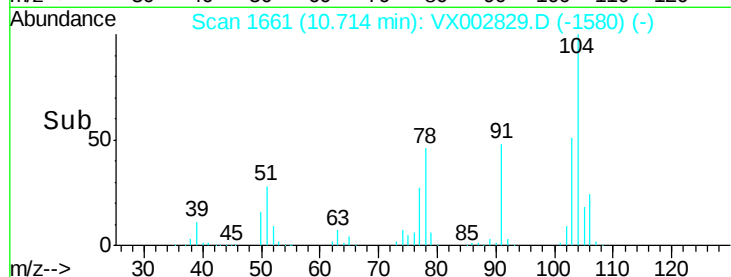
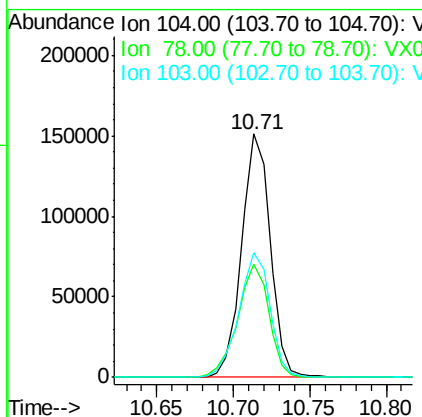
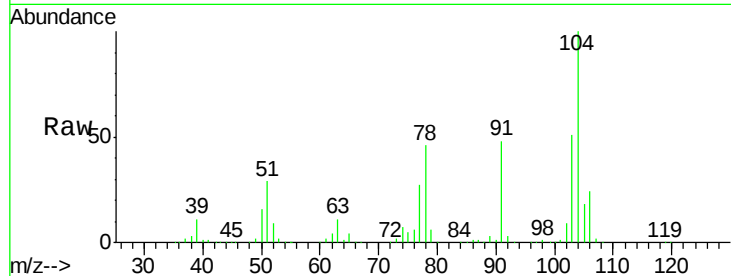
#69
Stvrene
Concen: 21.63 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.0	41.8	62.8
103	56.0	44.9	67.3

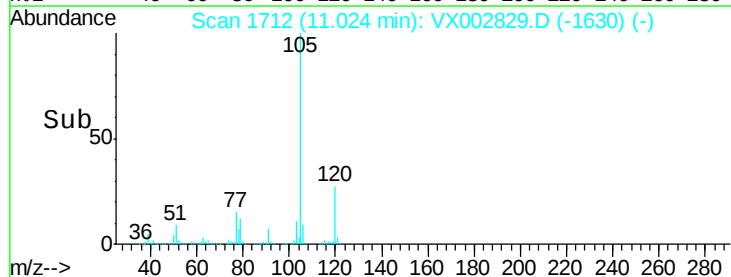
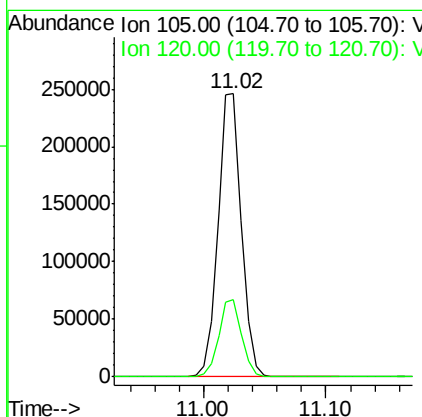
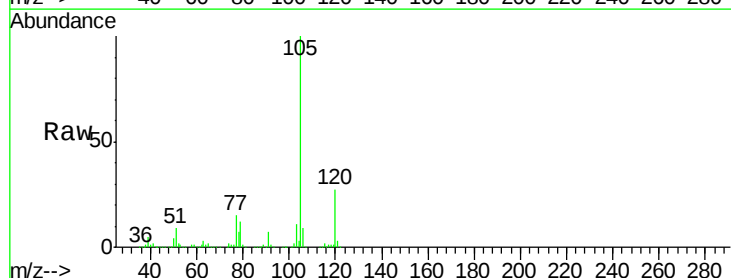
Manual Integrations
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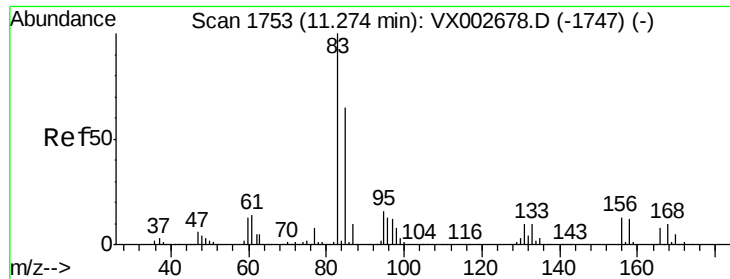
MMDadoda
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#70
Isopropylbenzene
Concen: 21.74 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.9	19.0	35.2





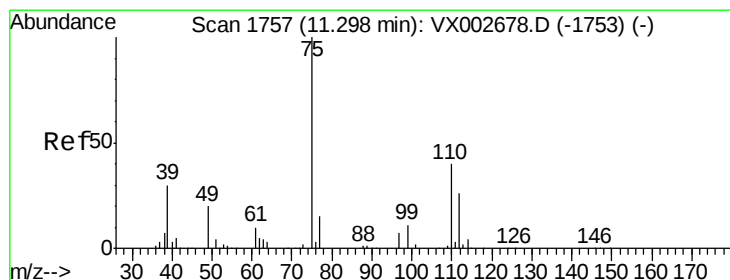
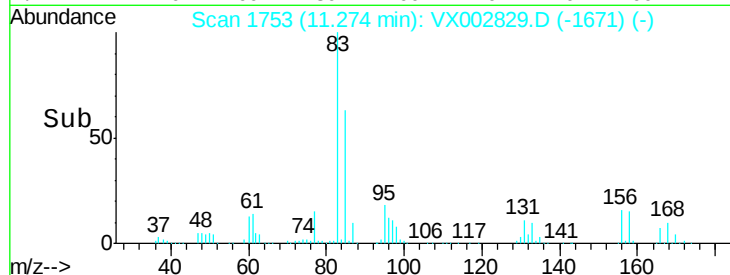
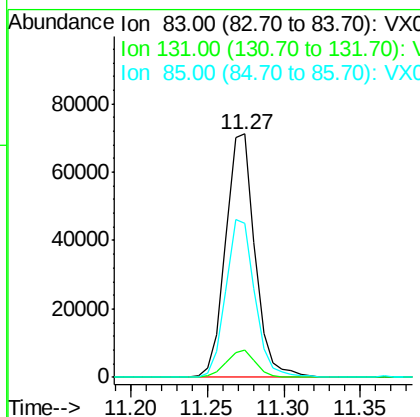
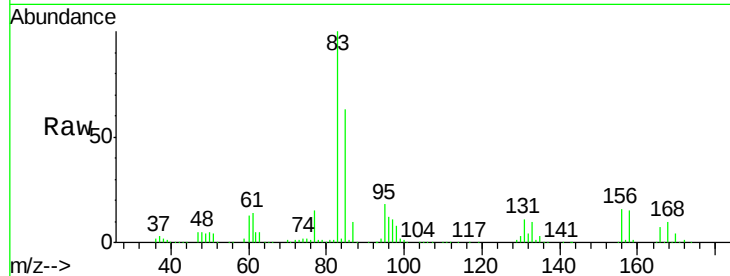
#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.08 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.4	16.2
85	64.4	32.4	97.2

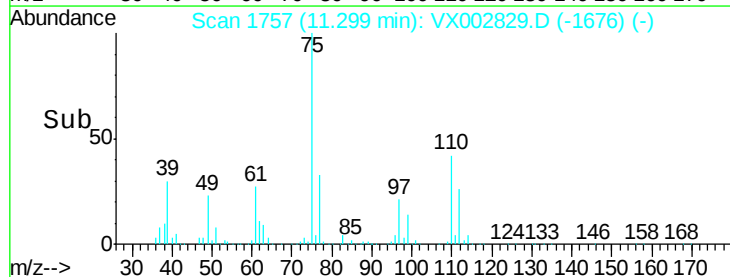
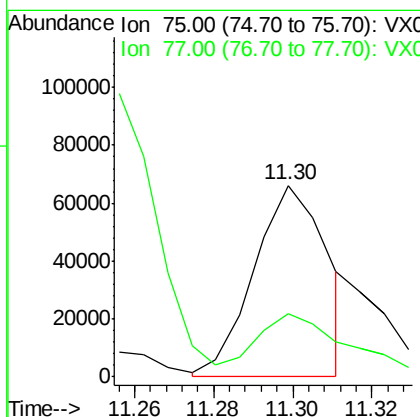
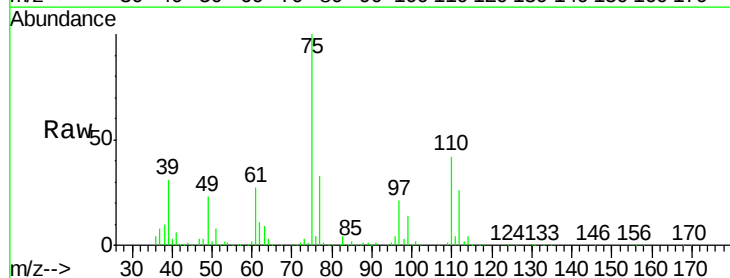
Manual Integrations
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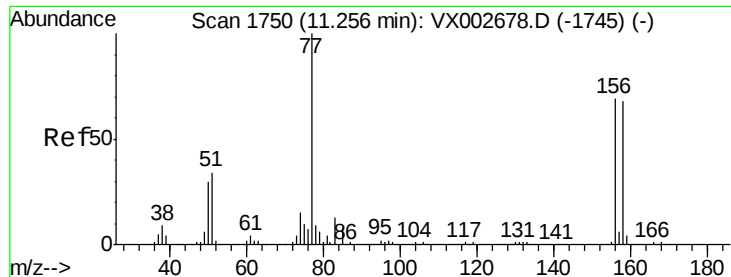
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#72
 1,2,3-Trichloropropane
 Concen: 21.92 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

Tgt Ion	Ratio	Lower	Upper
75	100		
77	41.7	0.0	71.8





#73

Bromobenzene

Concen: 21.67 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

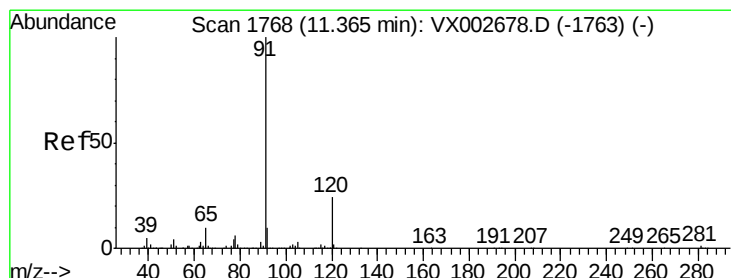
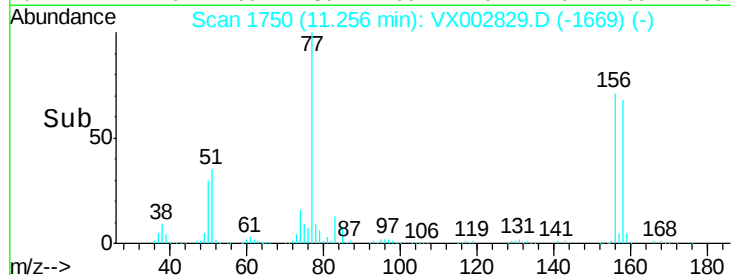
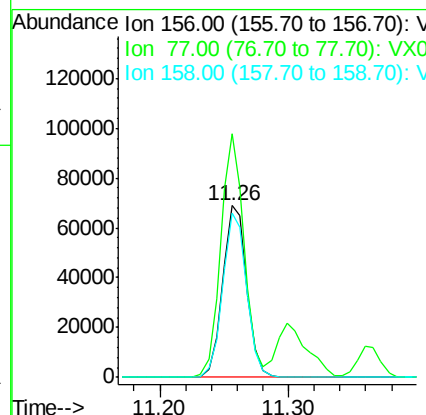
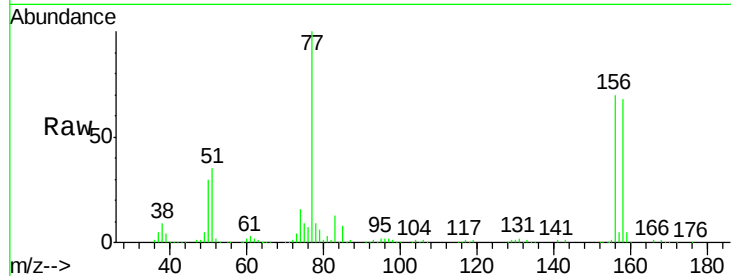
ClientSampleId :

VSTDCCC020

Tot Ion:	156	Resp:	90555
Ion Ratio	Lower	Upper	
156	100		
77	137.4	0.0	301.0
158	95.5	0.0	196.2

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#74

n-propylbenzene

Concen: 21.86 ug/l

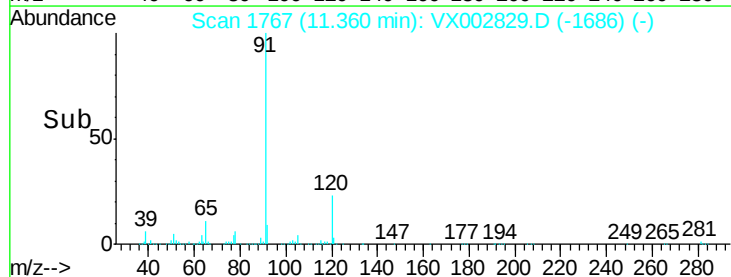
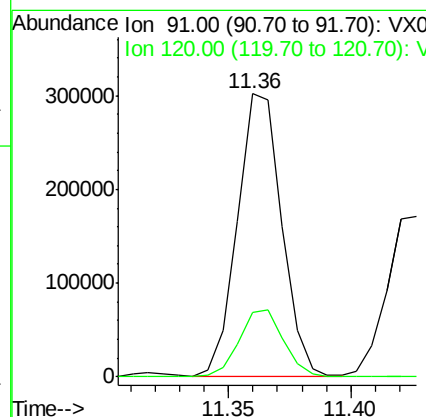
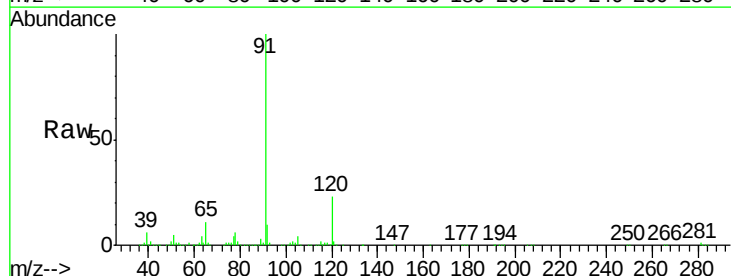
RT: 11.36 min Scan# 1767

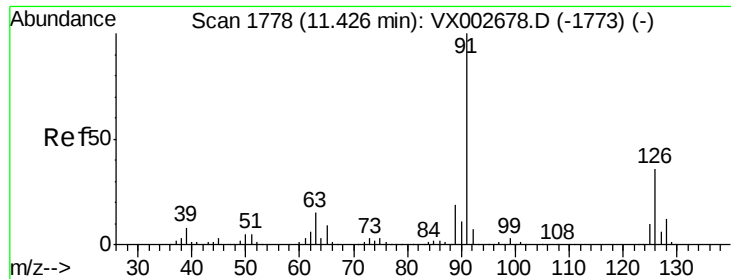
Delta R.T. -0.01 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Tgt Ion:	91	Resp:	381301
Ion Ratio	Lower	Upper	
91	100		
120	23.5	0.0	46.2





#75

2-Chlorotoluene

Concen: 22.11 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 91 Resp: 224500

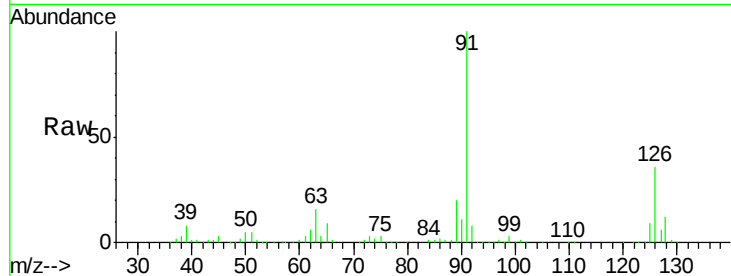
Ion Ratio Lower Upper

91 100

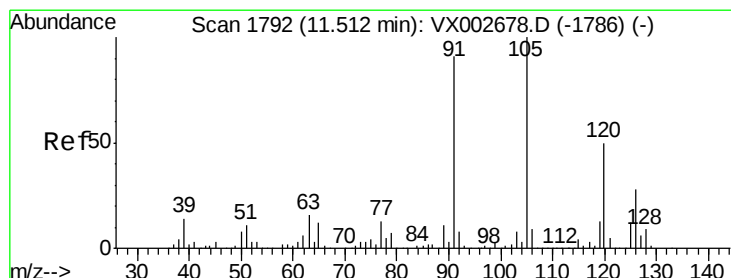
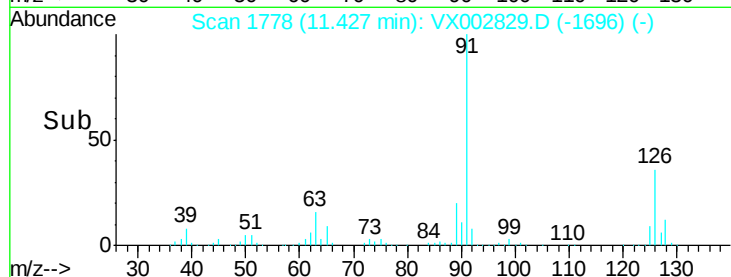
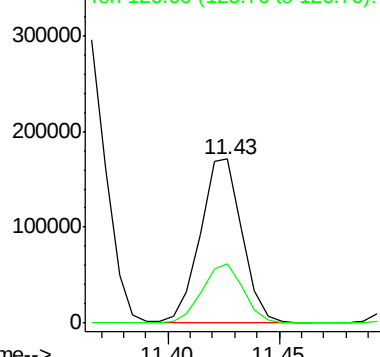
126 35.5 0.0 69.4

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Abundance Ion 91.00 (90.70 to 91.70): VX002678.D (-1773) (-)



#76

1,3,5-Trimethylbenzene

Concen: 21.70 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002829.D

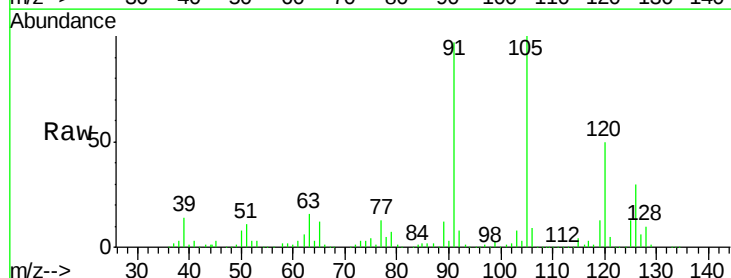
Acq: 22 Jun 2018 11:51

Tgt Ion: 105 Resp: 276895

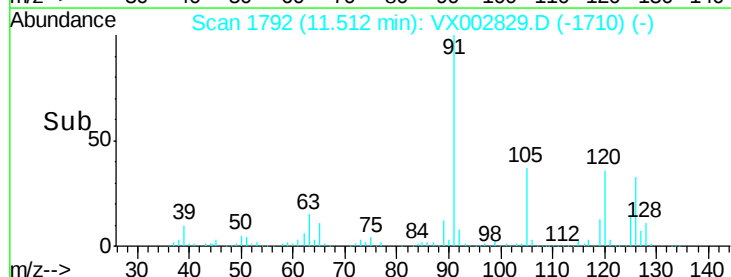
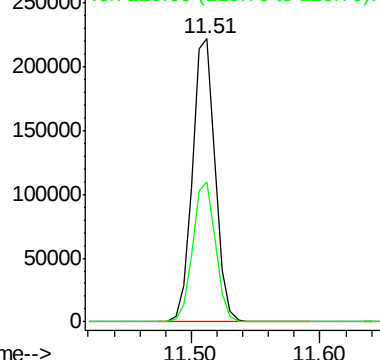
Ion Ratio Lower Upper

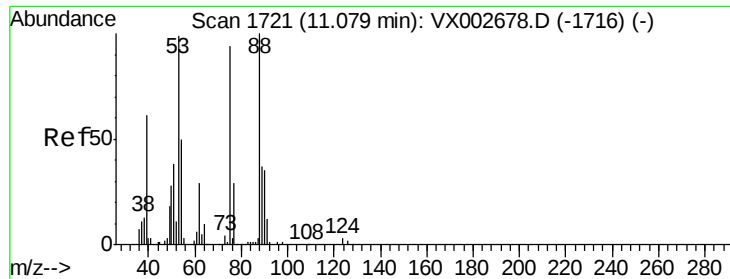
105 100

120 49.6 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): VX002678.D (-1786) (-)





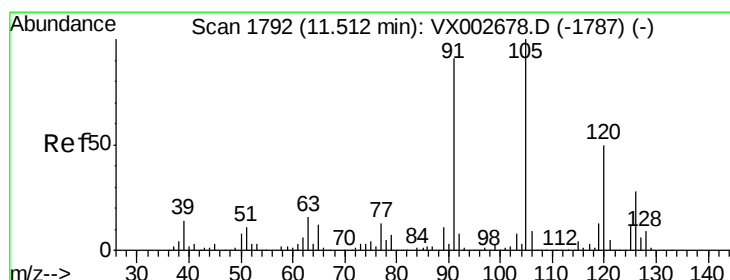
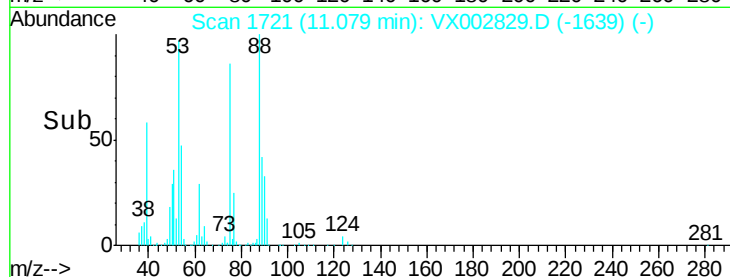
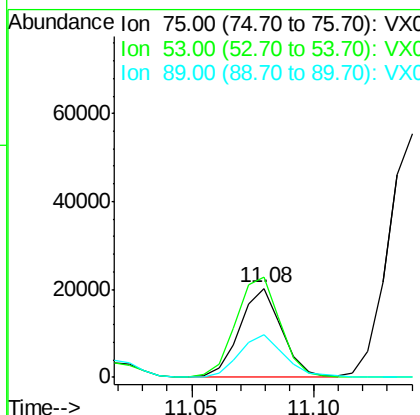
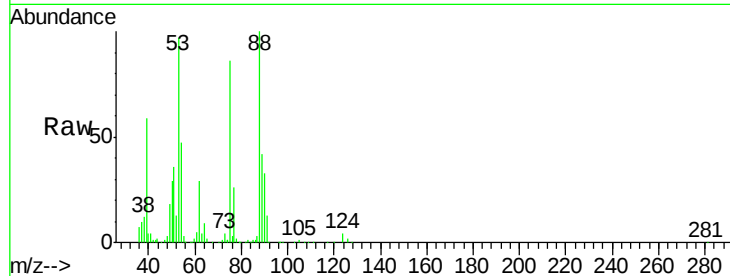
#77
t-1,4-Dichloro-2-butene
Concen: 19.03 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	112.6	48.3	144.9
89	48.3	21.8	65.4

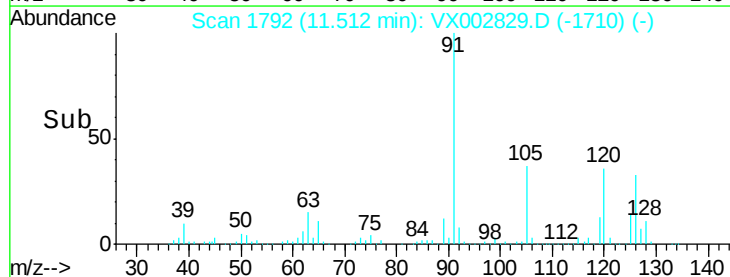
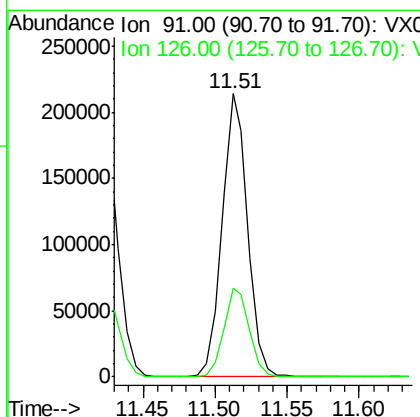
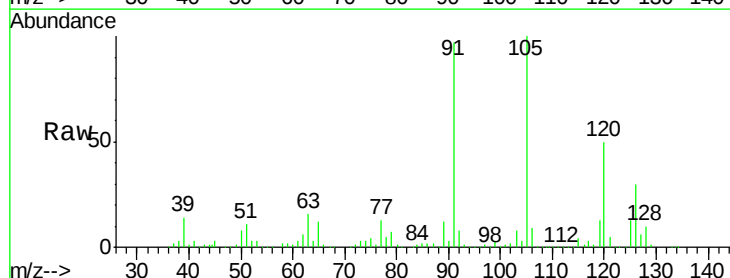
Manual Integrations
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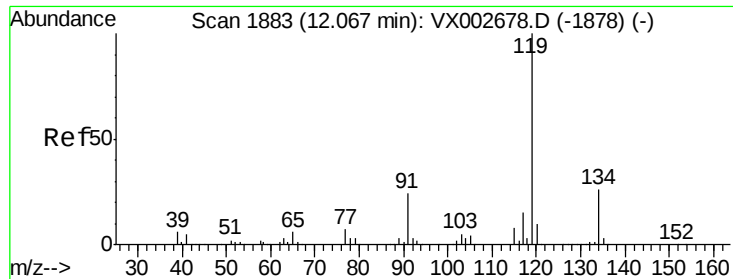
MMDadoda
6/25/2018 6:56:04 PM



#78
4-Chlorotoluene
Concen: 22.01 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	0.0	61.0





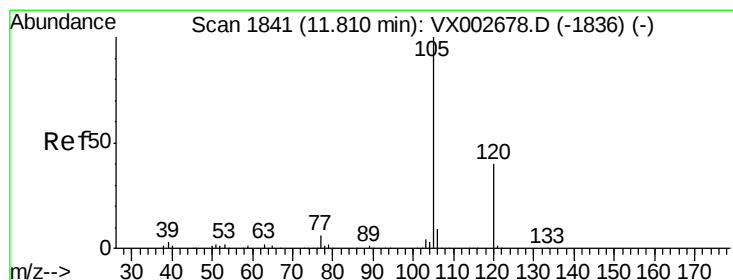
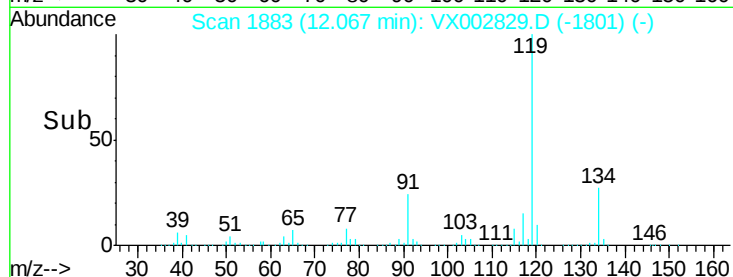
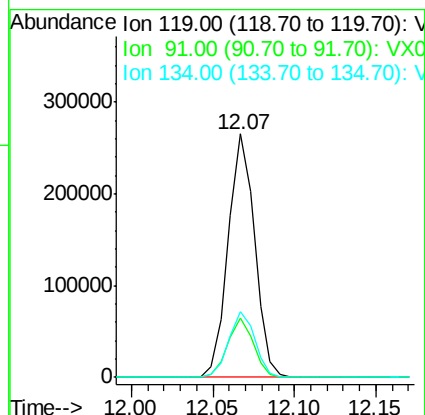
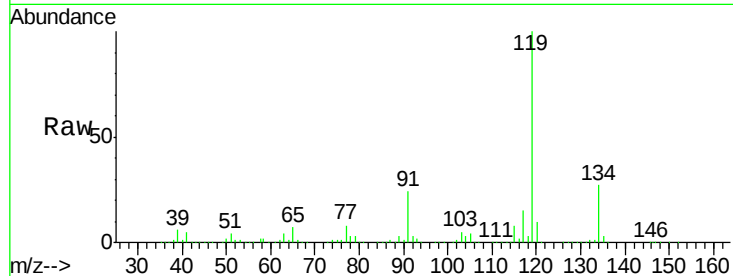
#79
tert-butylbenzene
Concen: 21.28 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	299574		
91	23.7	0.0	48.0	
134	26.6	0.0	52.6	

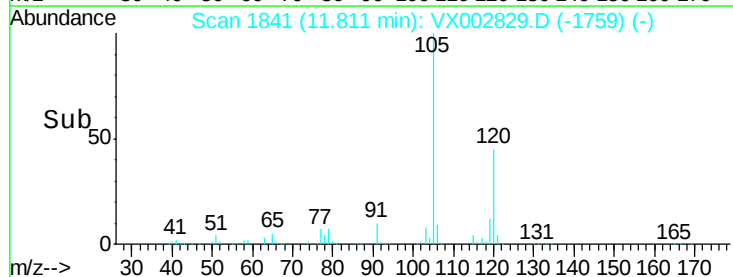
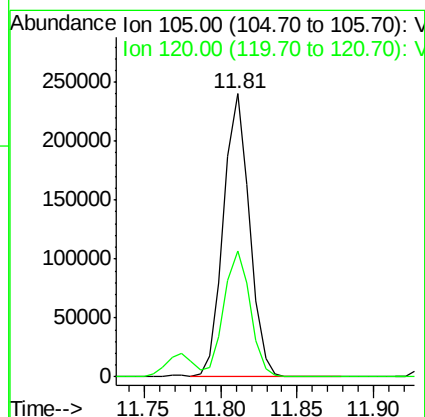
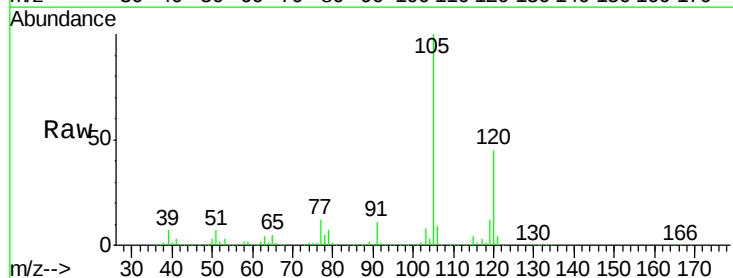
Manual Integrations
APPROVED

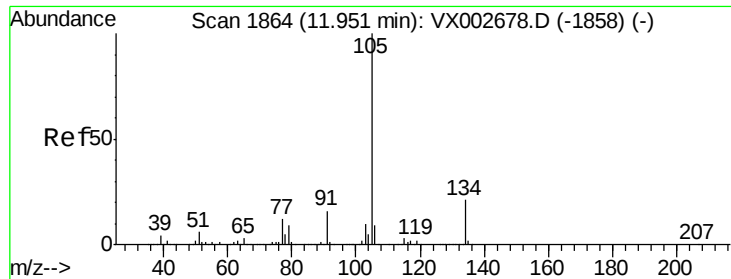
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#80
1,2,4-Trimethylbenzene
Concen: 21.82 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	284318		
120	45.0	0.0	89.2	





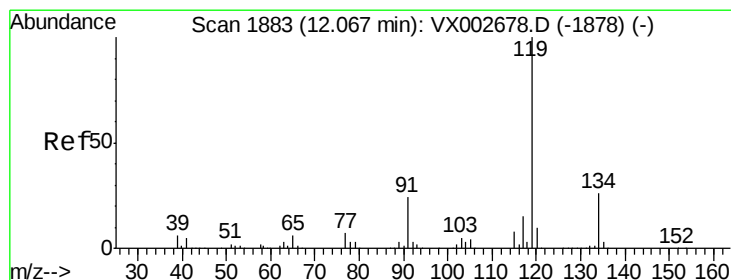
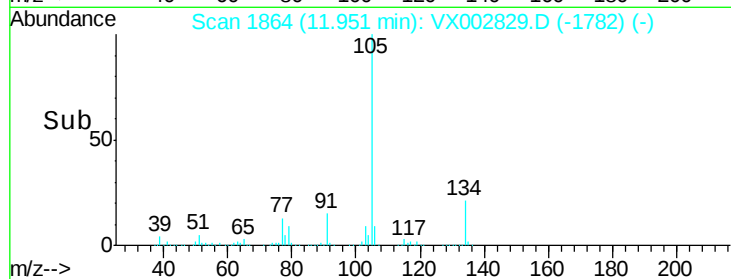
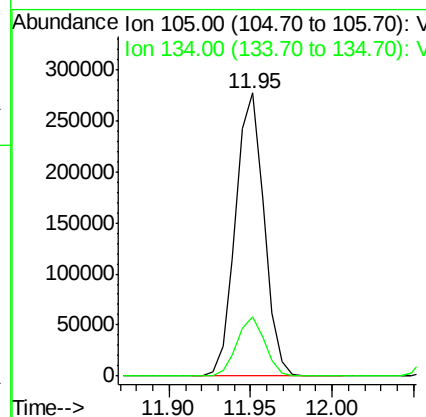
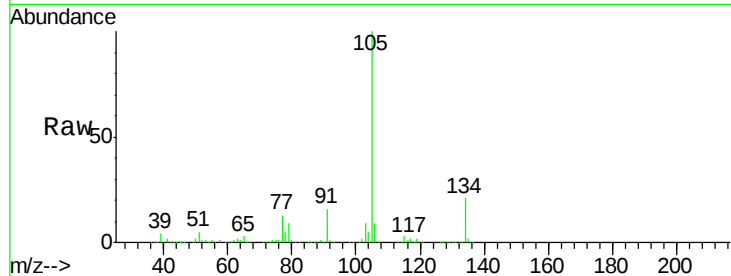
#81
 sec-Butylbenzene
 Concen: 21.56 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.5	0.0	41.6

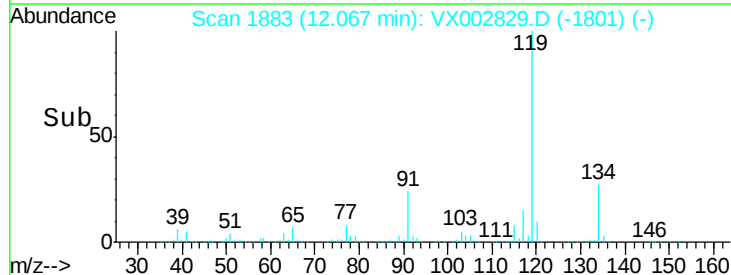
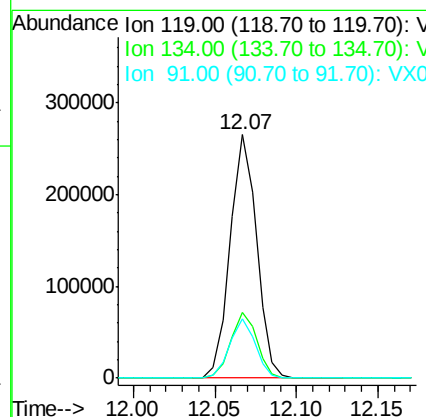
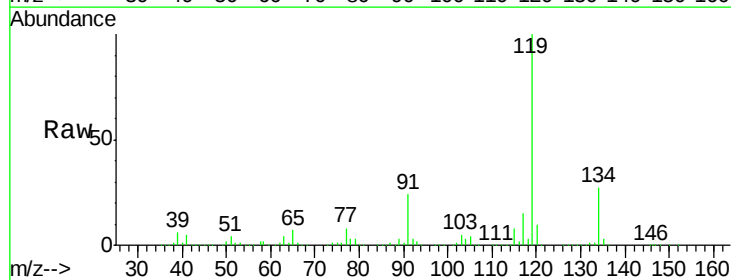
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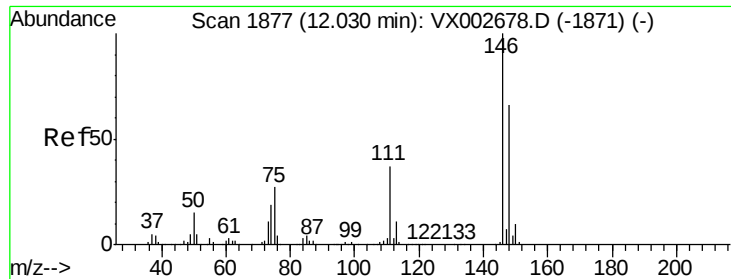
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#82
 p-Isopropyltoluene
 Concen: 21.28 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	0.0	52.6
91	23.7	0.0	48.0





#83

1,3-Dichlorobenzene

Concen: 21.48 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

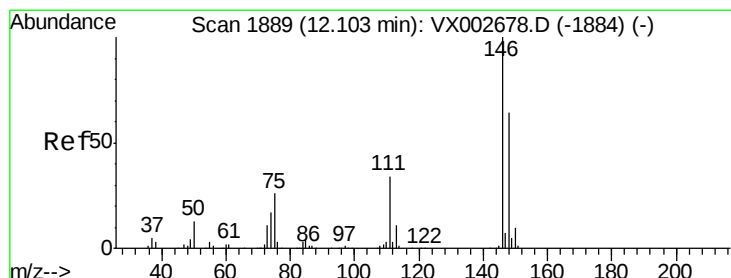
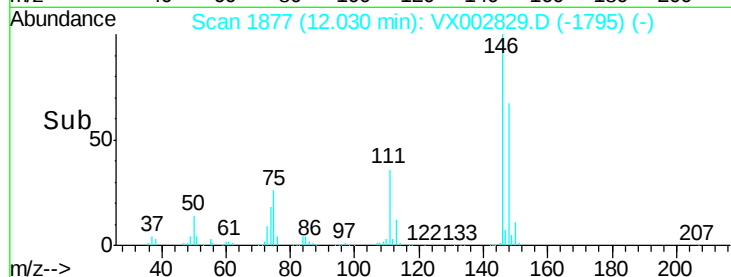
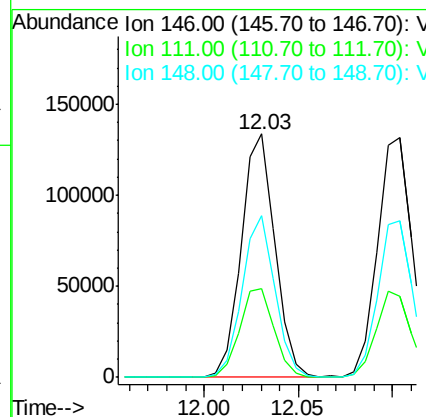
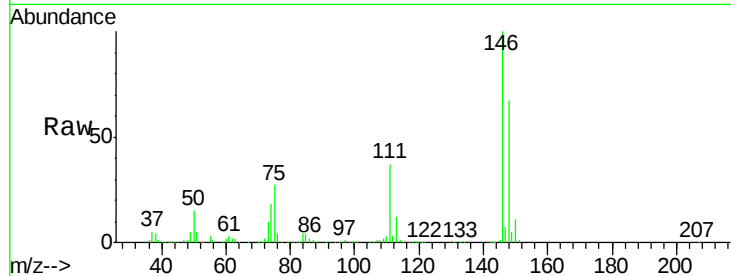
ClientSampleId :

VSTDCCC020

Tot Ion:	146	Resp:	165176
Ion Ratio		Lower	Upper
146	100		
111	37.6	19.1	57.5
148	64.8	31.9	95.7

Manual Integrations
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#84

1,4-Dichlorobenzene

Concen: 21.61 ug/l

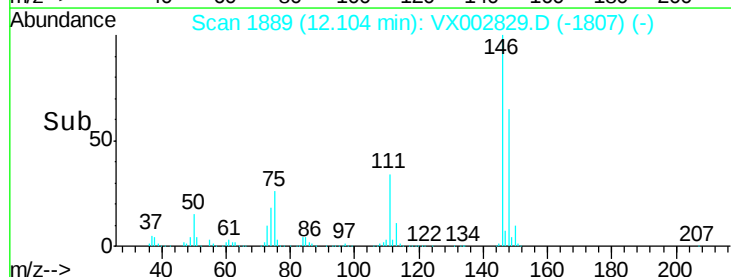
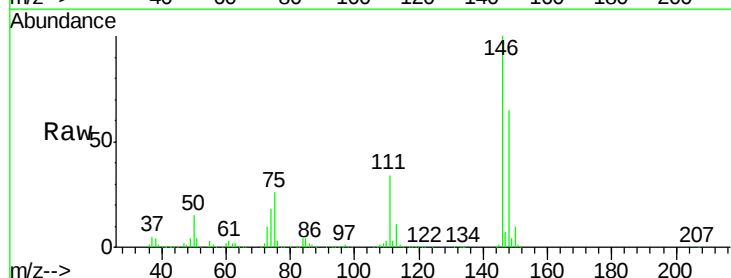
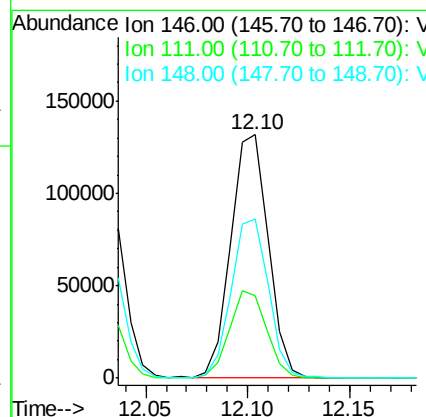
RT: 12.10 min Scan# 1889

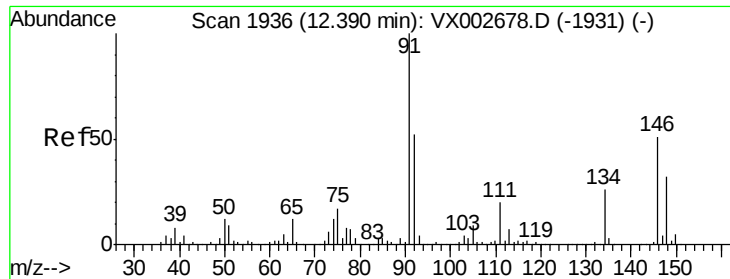
Delta R.T. 0.00 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Tgt Ion:	146	Resp:	167899
Ion Ratio		Lower	Upper
146	100		
111	35.6	18.5	55.5
148	65.1	32.0	96.0





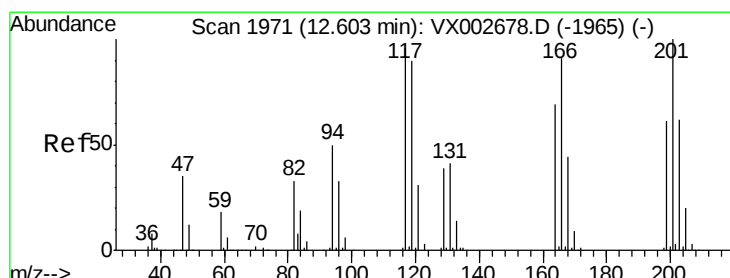
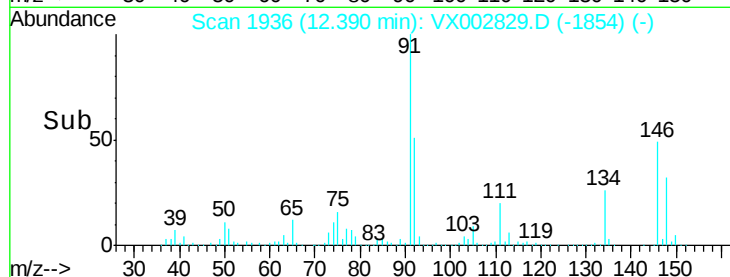
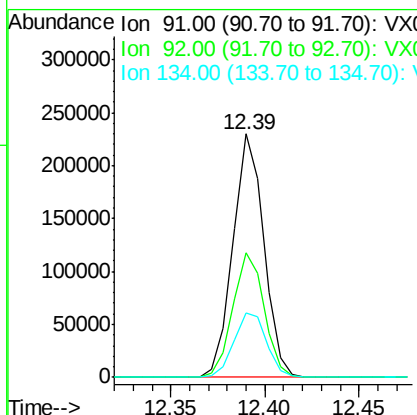
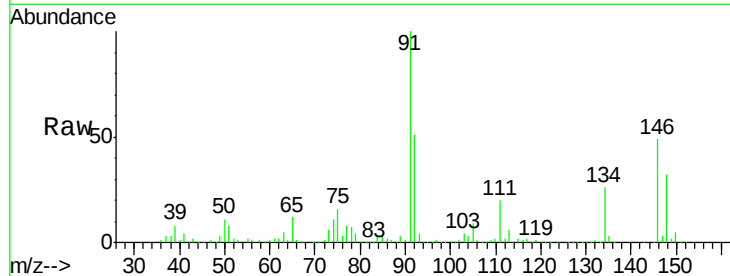
#85
n-Butylbenzene
Concen: 20.98 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	261733		
92	52.0		0.0	105.2
134	27.9		0.0	53.2

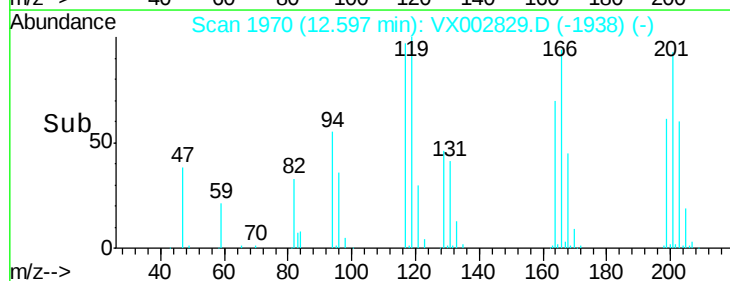
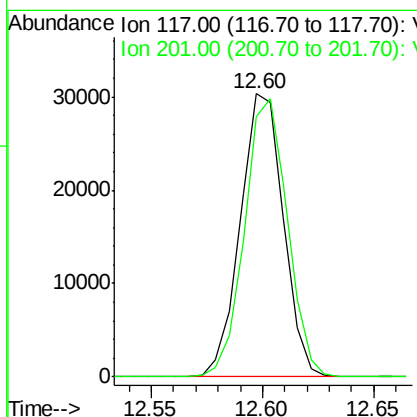
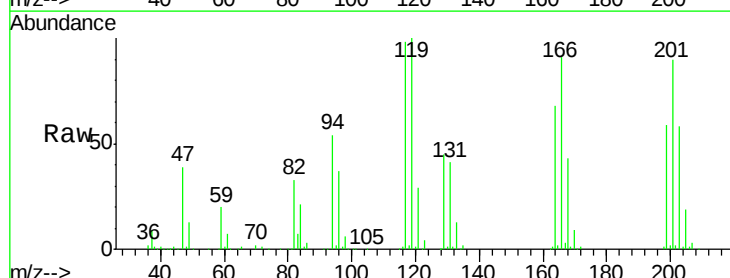
Manual Integrations
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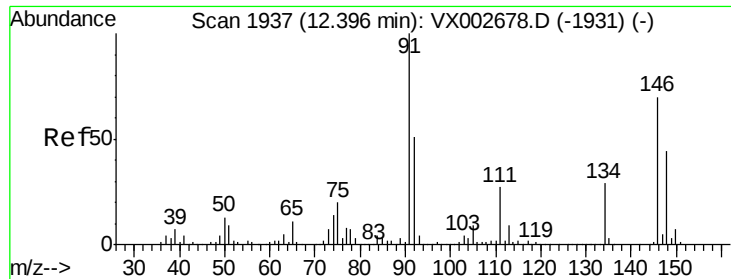
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#86
Hexachloroethane
Concen: 19.19 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	40937		
201	97.4		47.6	142.8





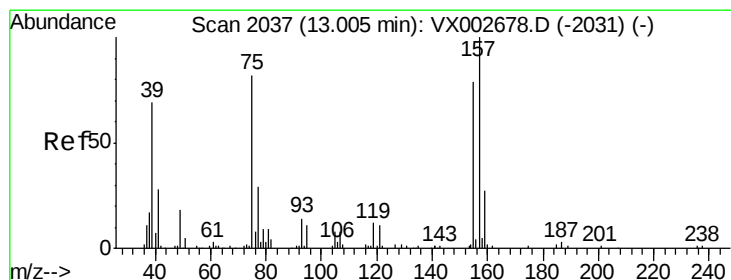
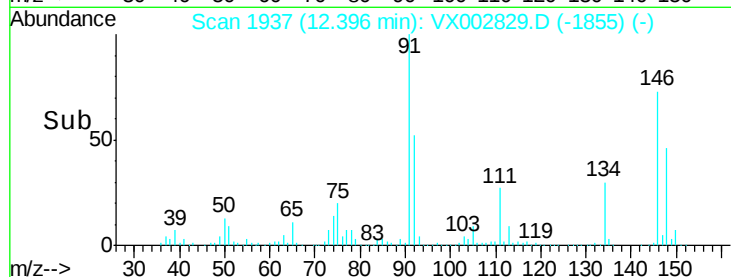
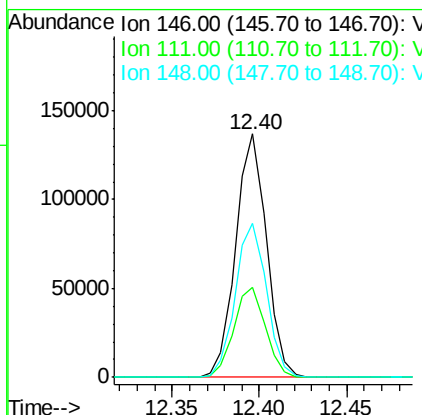
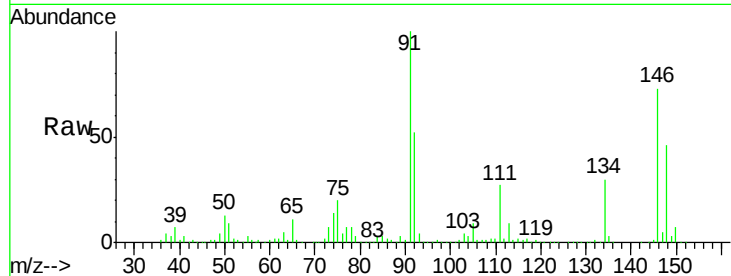
#87
 1,2-Dichlorobenzene
 Concen: 21.55 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	20.0	59.9
148	64.3	32.8	98.3

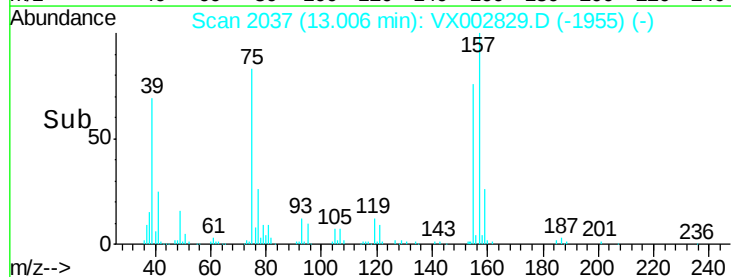
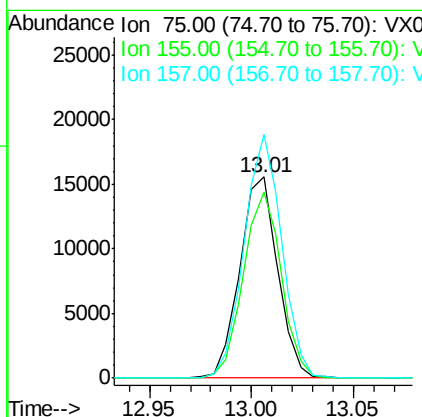
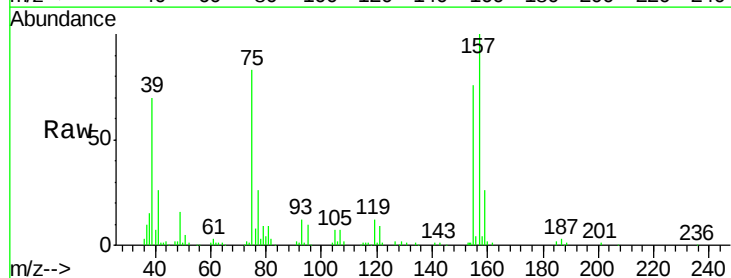
Manual Integrations
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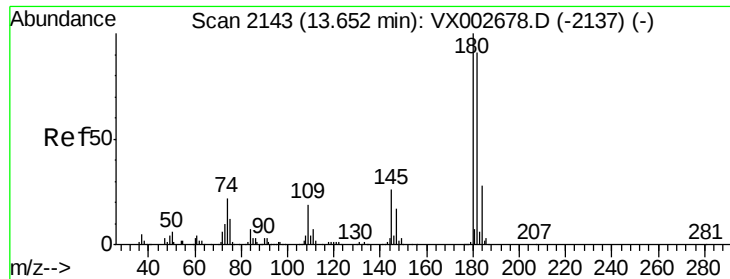
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.02 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002829.D
 Acq: 22 Jun 2018 11:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.6	73.1	109.7
157	120.1	93.1	139.7





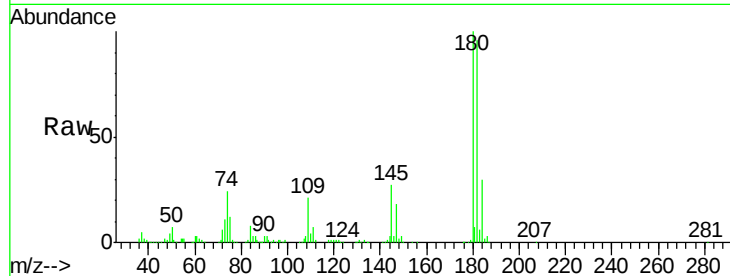
#89
1,2,4-Trichlorobenzene
Concen: 21.13 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

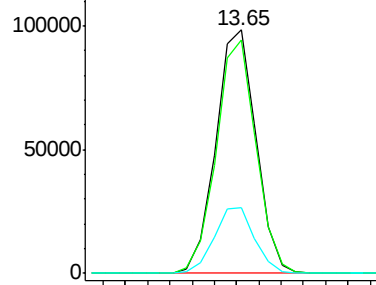
Tot Ion	Ratio	Resp	Lower	Upper
180	100	123868		
182	94.8	76.4	114.6	
145	27.2	22.9	34.3	

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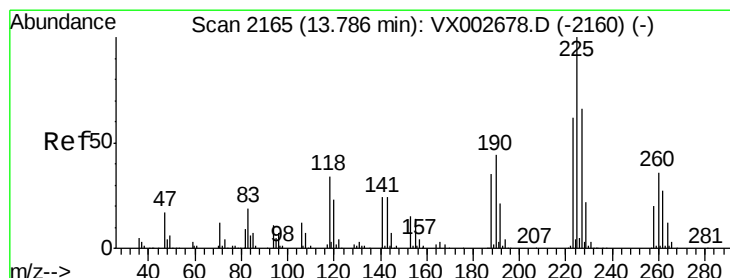
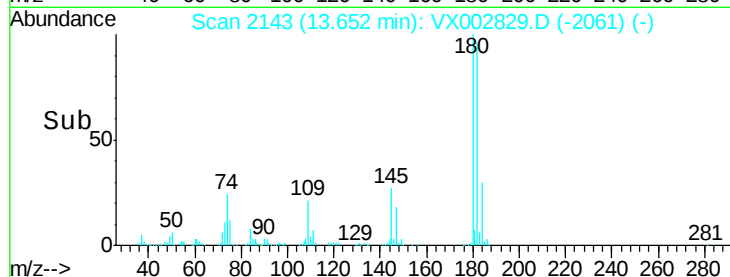
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Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

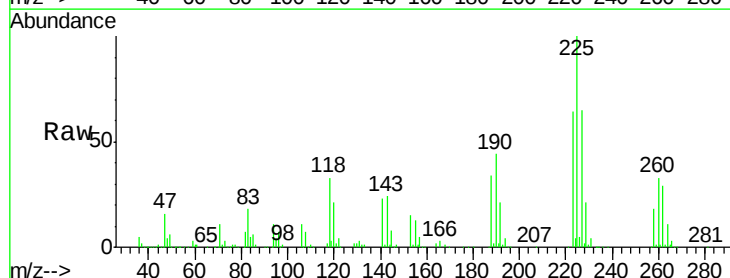


Time-->

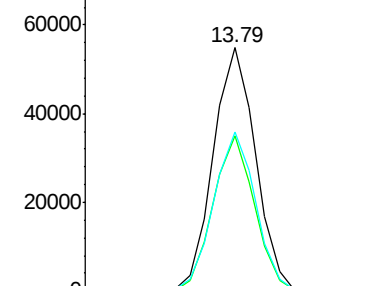


#90
Hexachlorobutadiene
Concen: 21.55 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VX002829.D
Acq: 22 Jun 2018 11:51

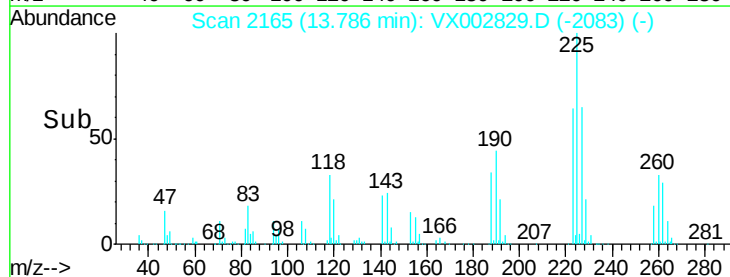
Tgt Ion	Ratio	Resp	Lower	Upper
225	100	65782		
223	62.6	0.0	122.4	
227	65.0	0.0	128.0	

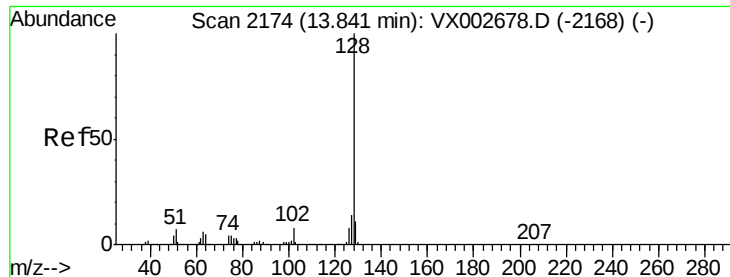


Abundance Ion 225.00 (224.70 to 225.70): V
Ion 223.00 (222.70 to 223.70): V
Ion 227.00 (226.70 to 227.70): V



Time-->





#91

Naphthalene

Concen: 21.16 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Instrument :

MSVOA_X

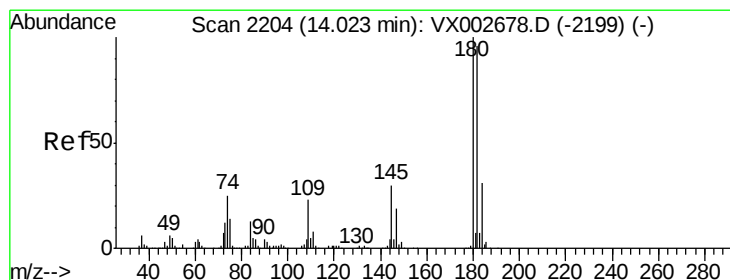
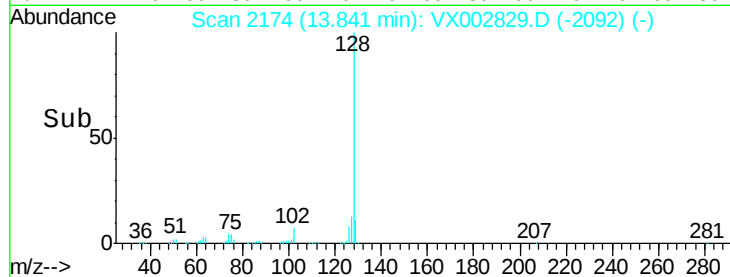
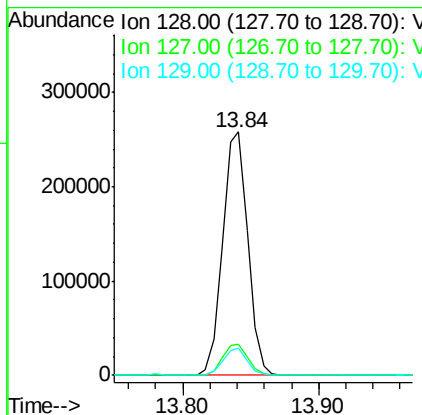
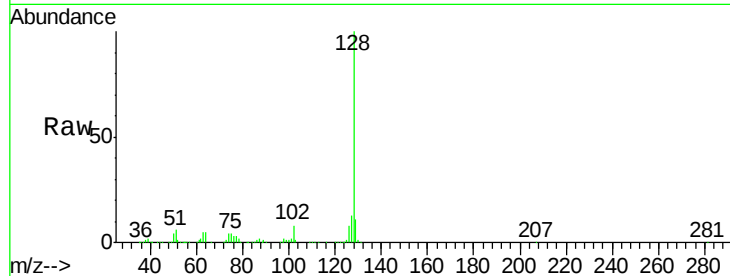
ClientSampleId :

VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.9	8.9	13.3

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#92

1,2,3-Trichlorobenzene

Concen: 21.33 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002829.D

Acq: 22 Jun 2018 11:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	0.0	191.0
145	29.5	0.0	60.6

